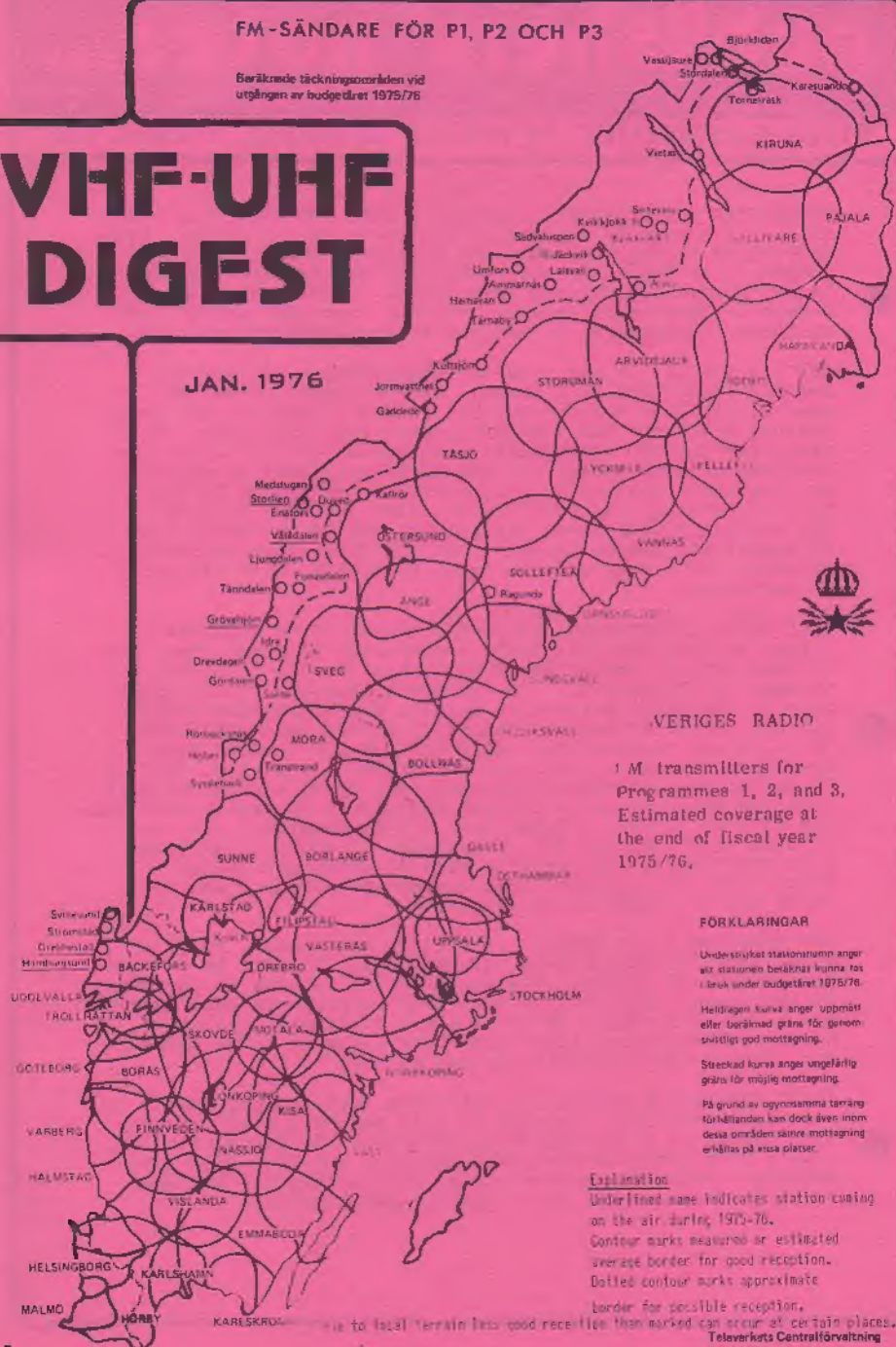


FM-SÄNDARE FÖR P1, P2 OCH P3

Beräknade täckningsområden vid
utgången av budgetåret 1975/76

VHF-UHF DIGEST

JAN. 1976



SVERIGES RADIO

1 M transmitters for
Programmes 1, 2, and 3.
Estimated coverage at
the end of fiscal year
1975/76.

FÖRKLARINGAR

Understrykt stationsnummer anger
att stationen beräknat kunna tas
i bruk under budgetåret 1975/76.

Heldragen kurva anger uppmätt
eller beräknad gräns för genom-
snittligt god mottagning.

Streckad kurva anger ungefärlig
gräns för möjlig mottagning.

På grund av oegensamma terräng-
förhållanden kan dock även inom
dessa områden sämre mottagning
erhållas på vissa platser.

Explänation

Underlined name indicates station coming
on the air during 1975-76.

Contour marks measured or estimated
average border for good reception.

Dotted contour marks approximate
border for possible reception.

Due to local terrain less good reception than marked can occur at certain places.
Televerkets Centralförvaltning
Radio-fjärrnätsektionen

publishers' notes...

WTFDA HEADQUARTERS, P.O. BOX 163, DEERFIELD, IL 60015 USA

PUBLISHING STAFF CHANGE...effective with the next VUD, there will be a change in the publishing staff of the WTFDA. Pete Oprisko of Whiting, IN and John Zondlo of Hammond, IN have teamed up to take over the publishing duties formerly handled by Morrie Goldman and Gary Olson. Club headquarters remain in Deerfield, however, and all "non-publishing" club business continues to be handled at the Deerfield address.

NEW VUD EDITOR...along with the publishing staff change, a new VUD editor has been named. Clarke Ingram, whom you most likely know through the Scoreboard column and his many feature articles, has stepped forward and volunteered to take over the VUD editorship. All column editors have been informed of this change and have been requested to begin mailing their columns to arrive at Clarke's (5201 Colewood Dr., Pittsburgh, PA 15236) by no later than the 20th of the month. This applies also to any member who would like to submit any feature article for the VUD. This change is effective with next month's issue (February, with January 20 deadline).

1976 WTFDA CONVENTION...we have received three separate offers to host the 1976 WTFDA convention: 1) Frank Aden, Jr. of Bend, OR; 2) Don Erickson of Riverside, CA; 3) Morrie Goldman of Chicago, IL. In each case, the date would probably be the first weekend in August, and activities would include technical and non-technical talks, demonstrations, DX films and discussions. Side trips would include popular area tourist attractions and probably a station tour. No matter what locale is selected, the WTFDA convention will fill the bill as a part of your individual or family vacation. Now it's up to you: Please drop a line (postcard will do) to club HQ (P. O. Box 163, Deerfield, IL 60015) indicating your preference. The results will be announced in the March, 1976 VUD and the final convention planning and details can be completed by the host.

NEW NORTHERN FM DX EDITOR...effective next month, Fred Nordquist, 302 Sandra Lane, N. Syracuse, NY 13212 is the new Northern FM DX editor. His deadline for reports is the 10th of the month. Please give Fred your support--we know there are a lot of Northern FM DXers (East of Mississippi River, North of Mason-Dixon line) out there! Thanks to Ed Berboni for doing a fine job while he was editor.

ANARC CONVENTION REPORT...a note from Dave Browne, ANARC Executive Secretary, reports on last summer's ANARC convention hosted by Radio Canada in Montreal. 50 DXers attended, plus 5 from Radio Canada staff and even one DXer from West Germany. Tours and speakers were all outstanding and made for a most successful and enjoyable get-together.

**FCC
TV****NEWS — DATA**

Dave Pomeroy
KTWU-Channel 11
Signal Hill
Topeka, Kansas
66604

January 1976

AUTHORIZED STARTS

WGPR-62 Detroit, MI Oct. 17
*WHRM-20 Wausau, WI Oct. 23

NEW STATION ON THE AIR (Unofficial)

KDTV-60 San Francisco, CA
KMUJ-31 Sacramento, CA
KMXN-23 Albuquerque, NM

APPLICATIONS

San Jose, CA (48) 450kw 2614 AAT
Dallas, TX (27) 1122kw 1668 AAT
Ft. Worth, TX (21) 1803kw 1668 AAT
Longview, TX (16) 400kw 737 AAT
Rockford, IL (39) 741kw 170 AAT
Sheridan, WY (12) 316kw 1216.3 AAT
*Austin, TX (18) 2032kw 1101.5 AAT

CP's GRANTED

Ann Arbor, MI (31) 1096kw 1085 AAT

*non-commercial, public television stations

CALL LETTER CHANGES & ASSIGNMENTS

*KAPT Fayetteville, AR
*KMFT Fresno, CA
KTVX Salt Lake City, UT (was KCPX-TV)
*KLTN Monroe, LA
*KIXV St. Cloud, MN
KIVV-TV Lead, SD
KEVN-TV Rapid City, SD

TRANSLATORS DELETED

K05PL Sapinero, CO

TRANSLATOR GRANTS

K62AM Anchor Point, AK KTVA
K59AR Anchor Point, AK KENI
K12KE Hooper Bay, AK KYUK
K03EH Crooked Creek, AK KYUK
K11MX Goodnews Bay, AK KYUK
K021B Homer, AK KENI
K11ME Homer, AK (was K021B)
K10JN Kongiganak, AK KYUK
K13NS Newtok, AK (was K02HV)
K12KC Pipeline Pump Station, AK #12
K07NQ Platinum, AK KYUK
K04IE St. George, AK KUAC/KYUK/KAKM
K56AQ Sterling Highway, AK KTVA
K67AU Sterling Highway, AK KENI
K61AN Sterling, AK KENI
K64AN Sterling, AK KTVA
K10JM Stony River, AK KYUK
K13NO Kayenta, AZ KOAI
K061N Willow Beach, AZ KLAS
K07NP Willow Beach, AZ KORK
K11MW Willow Beach, AZ KSHO
K65AR Twentynine Palms, CA (was ch 80)
K03EG Riverside, CO KMGH
K08TN Riverside, CO KOA

TRANSLATOR GRANTS (continued)

K11NV Riverside, CO KWGN
K13NN Riverside, CO KSTV
K56AP Princeville, HI K1TV
K63AM Hagerman, ID KBCI
K65AQ Hagerman, ID KATD
K67AT Hagerman, ID KIVI
K69BD Hagerman, ID KTVB
K07NO Inkom, ID KPVI
K13NP Selden, KS KWNB
K55BD Princeton, MO KTVO
K60AU Spickardsville, MO KTVO
K58AL Ely, NV KORK
K13NR Ely, NV KLVX
K09NM Paradise Valley, NV KBCI
K11MJ Paradise Valley, NV KTVB
K13NO Ruth, NV KLVX
K0810 Wells, NV KEKO
K69BB Horse Springs Store, NM KOB
K69BC Tucumcari, NM KVII
K56AN Tryon, NC WUNG
K07NR Lakeview, OR (was K04FA)
K0610 Scottsburg, OR KEZI
K14?? Arlington, VA (1kw)
K63?? Antonito, CO (was K70AJ)
K65?? Antonito, CO (was K76AX)

FROM THE READERS...

FCC has granted to the Alabama Educational Television Commission licenses for six stations which were revoked recently: Dozier (2), Florence (36), Huntsville (25), Louisville (43), Mt. Cheha (7), and Mobile (42)...KQTV-2 operated at half power for two weeks in middle of December...It appears that ZFHQ-6 (ch. 11) Grand Bahamas is off the air...WSWB-35 still having money problems...WFTV-9 is now on new tower...KDTV-60, now on air in San Francisco, is having difficulty with area cable TV systems in getting carriage--station is Spanish language outlet...Target date for purchase of KVDO-3 as PTV outlet in Salem, OR was mid-November...Three new broadcast licenses (11 stations) were added to nation's public TV system in fiscal 1975--there are now 152 licensees operating 256 stations...The FCC has amended its table of allocations to indicate that use of channels 70 to 83 as translators is a secondary service...WNPR-13 has finally become interconnected with network service from PBS and CEN...Although reported received recently, KTIN-46 in Ft. Dodge, IA has not gone on the air...WQEX-16 has gone to much higher power...Thanks this month to Frank Aden, Bob Baker, Clarke Ingram, Paul Traska, Morrie Goldman, and Ken Simon.

FCC FM NEWS

Bruce Elving, Editor
18 1/2 E. Fifth Street
Duluth MN 55805

New Stations Granted

CA Los Angeles KJLH-FM 101.3 (101.3) (KJLH Coaction CA booster reauthorized. This station may not be built, as KJLH itself granted an extension to its temporary authority to broadcast from Los Angeles away from Compton. LA area DXers should call or drop in at KJLH from time to time to see what's happening!)

CO Breckenridge K232AC 94.3 (KOSI-FM 101.1 Denver CO translator); 20 D 260 degrees.

CO Glenwood Springs K292AS 106.3 (KGLR 93.1 Grand Junction CO translator) 10 W, D, antenna 95, 195 and 266 degrees.

ID Soda Springs, all 10 W, coordinates 42-31-48; 111-41-0; D 72, 193, 315 degrees and translating Salt Lake City UT FMs: K272AG 102.3 (KJLH-FM 97.1).

K292AR 106.3 (KSP-FM 103.5); Mutual K296AD 107.1 (KSP-FM 104.3); [wiles]

ID Twin Falls 95.7 50000; 590° 35, 92°

IL Barrington 88.5 10 [wiles]

MO Princess Anne 102.5 50000; 500° 33, 80°

MA Sandwich 91.7 10

MI Winona K254F 98.3 (WMB 103.7 Ladysmith MI translator); 10 W, non-DA.

MS Columbus 90.9 10

MT Big Timber (45-49-24; 109-56-15) K252AL 98.3 (KJLH-FM 97.1 Billings MT translator); 10 watts, D, 47 degrees only.

MT Circle (47-25-38; 105-33-47) K254AC 97.7 (KIVE 96.5 Glendive MT) 10 D, 255°.

NE Crest 103.9 3000 h; 250°.

UT Kanab K232AE 94.3 (KALL-FM 94; Salt Lake City UT translator) 10 W, 220° DA; A

UT Long Valley Junction K296AR 107.1 (KALL-FM) 10 W, DA 35 and 180 degrees.

UT Panguitch K224AH 92.7 (KALL-FM) 10 W, D 172 degrees.

UT Price K280AG 103.9 (KJLH-FM 97.1 Salt Lake City UT translator) 10 W, 40 degrees

VT Castleton 91.3 10

VT Stone 101.7 45 W h; v; 275° 15, 54 mi.

WV New Martinsville 103.9 940 h; v; 490°

WY Gillette 93.5 3000 (h); 272° 14, 47 mi

On Air and DX Ready!

AL Demopolis WMAN 106.3 3000h; v; 190°

AL Union Springs WOSI 104.9 3000h; v; 265°

AK Anchorage K60T 101.3 26000 h; v; 6° S

CA Modesto KITA 102.3 3000 h; v; 300° S, L

CA Redding KVIP-FM 98.1 30000h; v; 1710°

CO Telluride K8BL-FM 97.7 3000 h; v; 130°

IA Oskaloosa K16C 88.7 10

IA Ottumwa KLEE-FM 97.7 3000 h; v; 170°

K5 Lawrence KJMK 90.7 10

ME Sanford WME-FM 92.1 800 h; v; 532°

MA Walpole WMAA 91.5 10

MI Auburn Heights WAHS 89.5 10 {Krm, I

MI Clamnet WALK-FM 100.9 3000 h; v; 300°

MI Grand Rapids KXGR 96.7 (Hit Parade) 1700 h; v; 390°

MT Lewistown KLCM-FM 95.9 3000 h; v; 230°

NE Grand Island KRGJ-FM 96.5 10000h; v; 420°; NJ Princeton Jct. WPMN 90.3 10

NH Seabrook WML-FM 101.7 1000 (h); v; 170°

NH Plymouth WPM-FM 100.7 1000 h; v; 100°

NY Binghamton W53-FM 98.3 3000 h; v; 330°

NY Brockport W5AL 90.5 10 (Call, too)

NY St. Bonaventure (Clear) W2S 92.3 10

ND Belcourt KLYA 96.5 18000 h; v; 160°

PA Lincoln University WLLC 96.7 10

PA Orem KHSS 91.5 10

VT Middlebury WCMH 103.5 3000 h; v; 145°

WV Elkins 90.3 10

WV Fairmont WFM 71.5 7000 h; v; 520°

WV Parkersburg WXL 95.1 50000 h; v; 500°

WV La. Claire WJEC 86.7 10

WV Lander KDL 57.5 25000 h; v; 420°

On Air with Changes (Selected)

AL Decatur W5CA 96.5 50000h; v; 300° (C)

MO Clayton KFLO-FM 99.1 10000h; v; 400°

MO Laurimont W5TS 96.5 103000h; v; 600°

OH Mansfield WCM-FM 105.3 50000h; v; 370°

SC Greenville WESC-FM 92.5 100000h; v; 630°

TX Houston WFM 97.9 100000h; v; 440° L

Dolls, SCA, all; music (no preaching)

TX Lubbock KXKX 105.7 100000 h; v; 10°

VA Harrisonburg W8FA 90.7 10000 h; v; 730°

VA Linden WLM 106.5 100000 h; v; 70°

WA Seattle KSN 93.5 66000h; v; 150°

WV Fort Gay W8H 90.7 7800 h; v; 705° on erratic schedule, r music, c programs.

WV Baxley W8H 90.5, having moved from 91.9; 77000 h; v; 1120°

New Transmitters Installed; \$?

AZ Aracoma K254F 95.9 PA Clearfield

NY Dundee WFLR-FM 95.9 WCPA-FM 93.5

Dual-City Identifications Granted

CA Tracy K8RT 100.9 adds Stockton

CO Loveland KLMO-FM 104.3 adds Boulder

MO Hamilton KJRC 92.9 adds Quincy IL

MO Laurimont W5TS 96.5 Fayetteville

PA Mercersburg W8CV 92.1 Lorton PA

Deletions (see also next page)

AR Fort Chaffee K24AG 92.7 (KFFM-AM

translator which had Vietnamese local

origination); folds along with the

Vietnamese processing center.

CA Bishop K252AA 96.3 (KILS-FM 102.7

Los Angeles CA translator)

CA Elk Grove KESB 90.1

10 Ketschum K288AL 105.5 (KFLA 92.7)

MO Hillmicro W8KA 86.9 IUT Ephraim

NY Dix Hills W8DC 86.9 (KEPH 89.5)

TX New Bolton K280-FM 95.9

UT Price K282AN 102.5 (KSL-FM trans-

lator; calls previously listed errone-

ously as K288AG) (KFM translator)

UT Rural Utah County K288AJ 105.5 (KSL-

Facilities Changes

AL Gadsden WCEA 103.7 1060° (100000 h, v)

AL Selma W8UH 100.1 2500 h; v; 320°

AK York W8LY 95.3 300° (3000 h, v)

NC Shenya AFR-FM 91.8 1300

CA Cathedral City W8KX-FM from 103.1 to

96.5, 50000 h; v; 500° CA Chico KCMO

91.1 1950 h; v; 24°, 4, 22 miles.

[According to FCC news release this station

is increasing height to 24 feet

(above average terrain). Cost: \$100,000

to raise to the former 100° figure

given in Mike Dorrer's "Big Ten Report"

WVO, Oct., 1975, p. 4-4. Shows why I

do not rely on height figures supplied

by ten-watters!]

[13, 46 miles

CA St. Helena KVMN 95.3 3000 h; v; 250°

CA San Diego KXK 96.5 30000 h; v; 540°

[permit to increase height, reduce

power was given up]

FL Coral Gables W8H 105.1 160000 h, v

600° 44, 100 miles. Here's a super-

maximum power station being allowed

to increase its height without having

to lower its power. What's to stop

em from going to 2000° with 68 miles

primary and 115 miles secondary coverage?

GA Camilla 105.5 3000h; v; 300°

IL Morrisson W8MS from 91.5 to 90.7 10

IA Sioux City KSEZ 97.9 62000h; v; 260°

KR Glasgow W6GC 95.1 100000h; v; 390°

LA Lexington W8GC 98.1 50000 h; v; 551°

LA Ruston KRUS-FM to 107.5 (from 107.1)

100000 h; v; 490° 37, 90 miles. 500°

MD Baltimore W8JC 91.5 50000h, 40500w

MI Muskegon W8G 104.5 has v

MS McComb W8I 105.7 100000h, 6000v, 390°

MO Kirksville KRXL 94.5 adds v

MT White Sulphur Springs K244AE 92.7 to

96.3, non K252AD; rebroadcasting KVMN

FM 96.7 Belgrade MT instead of KOPR

106.3 Great Falls MT.

NE Holdrege KUHV-FM 97.7 2850 h; v; 240°

NJ Atlantic City W8VW 95.1 adds v

NY De Peu W8LK 93.7 adds v. Mystery SCA

NY Endicott W8RV 105.7 35000 h; v; 570°

33, 79 miles. Delete SCA (used only

for metering).

NY Southampton W8RJ 95.3 2350 h; v; 340°

NY Syracuse W8VO 107.9 27500h, 15500v,

640°, 33, 76 miles. OH Greenville

W8VO 88.3 78 h; v; 96° 3, 15 miles.

OK Okmulgee K8EV from 104.9 to 94.3

300° (3000 h, v). Ret. WVO, Dec. '75, p.

8: PA Allentown W8XW 104.1 50000h; v;

500°, 33, 80 miles. PA Philadelphia

W8SP 94.1 12000 h; v; 690° 33, 74 miles.

RI Chatham W8D-FM 96.5 1080° (100-

000 h, 88000v) E

TN Franklin W8ZF-FM 100.1 adds v

TN Shelbyville W8AL-FM 102.9 100000 h,

60000v (510°) 37 and 90 miles.

TX Dallas KRSM from 89.1 to 88.5, 10

TX Mt. Pleasant KXPI 100.7 100000h, v,

155° 24, 82 miles. VA Fredericksburg

W8FA-FM 101.5 11500 h; v; 61° 10, 43 mi.

VA Roanoke W8LD 99.1 1990° (140000h, v)

WA Spokane KXKR-FM 91.7 55000h; v; 2380°

° KFCN 98.9 28000h, 9000v; 295°

WV Charleston W8FS 96.1 50000 h; v; 350°

(92.7 translator of W8ES in Charleston

WV to be discontinued?)

WI Highland W8HI 91.3 adds v [v, 820°

WI Fredericks W8VS 106.1 19500h, 1500v

MEXICO Ciudad Juarez XHEM 103.5 6000

h; v; 440°, English, p truck.

Formats/Networks

CA Los Angeles KLVF 107.5 Spanish, L, \$
 CA Sacramento KMOD 106.5 r
 CT Groton WSUB-FM 105.5 p
 GA Atlanta WRSB *86.5 p; WREX *91.1 p
 IL Sullivan WFWA 106.3 hr (from k)
 IN Indianapolis WIFE-FM 107.9 NBC (on hour)
 IL Muscatine KFRH 99.7 p; should be \$ con.
 MD Halfway WQCN 96.7 A (from l)
 MA Worcester WAAF 107.3 p
 MI Detroit WJR (AM) and WWJ(AM) switch networks, WJR getting in; WWJ C. Any M at all on WJR-FM 96.3 or C on WWJ-FM 97.1 between 6 a. m. and midnight M-F?
 MN Moorhead KIDA 99.9 pr (from m)
 NJ Princeton WPRB 103.3 pj
 NJ Teaneck WFUD *89.1 p (from rc)
 NM Las Cruces KASK 103.1 p
 ND Minot KXJB-FM 97.1 k (from m)
 SD Winner KMYR-FM 93.7 E (P) M
 TX Bryan KORA 98.3 k (from m)
 TX Dallas KZEW 97.9 p
 TX El Paso KLOZ 102.1 k (from r)
 WI Richland Center WRCO-FM 100.9 Y (from E) no SCA confirmed.
 MEXICO Ciudad Juarez XHPX 98.3 m, \$

XHEM 103.5 English p, \$
 XHTO 104.3 m, \$ (having moved from 100.9) probably still English-Spanish
 Tijuana XHRM 92.5\$ soul, presumably English
 XHQS 95.7 \$ Latin, Spanish only.

Call Letters Assigned

CA Salinas 100.7 KMYT-FM (from KMYT)
 CO Colorado Springs 92.9 KSPZ (KYOR-FM) \$
 FL Miami 96.3 WJUX (WNYQ)
 GA Atlanta 99.7 WLTA (WLTA-FM)
 IL Crest Hill 98.3 WCCO
 IA Newton 95.9 KLYN (K"lovin") (KCOB-FM)
 ME Scarborough 106.3 WJBO-FM (WJBO)
 AL Birmingham *90.3 WBBM
 CO Pueblo 100.7 KZLO (from KDZA-FM) [on air]
 FL Crystal River 98.5 WRYO (WXTX) Not yet/
 FL Goulds 98.3 WGLY (WODA)

Stereo Stations

CA Merced KMYT 97.5
 IL Evanston WNUH *89.3
 IN North Vernon WDCB-FM106.1
 LA Lake Charles KSNS 96.1; according to Mike Derner KSNS is the nation's longest-held construction permit; 10 years and still not on the air!
 MD Belcourt KEYA *88.5 heard with mr and fiddle music, P; has been off and on.
 ND Bismarck WBCO-FM 92.7
 OH Cincinnati WAIK *88.3 hard rock
 OH Miamisburg WFCJ 93.7
 TN Knoxville WIVK-FM 107.7
 TX El Paso KAMA-FM 93.1, Spanish, L.

Deletions (see also previous p.)

AR Ft. Smith KFPN-FM 100.9
 MT Shelby KSEN-FM 96.3
 SC (67 kHz) activities
 AL Huntsville WLRN *89.3 TB
 CA Arcadia KPPC-FM 107.1 adds a SCA
 CA Gilroy KFAT 94.5 music
 CA San Francisco KEAR 97.3 adds SCA.
 CA San Mateo KSDL 107.7 Q (dropping M)
 CO Denver KHOW-FM 95.7 adds SCA
 FL Tallahassee WGLF 104.1 music
 IL Granite City WGRU-FM Q
 IL Paris WACF 98.5 farm and times a relay of WPRS (AM); FT.
 IL Springfield WDBR 103.7 no SCA heard drop SCA listing for WDBR.

Calls (Continued)

NH Grand Rapids *91.7 KAXE
 MS Pascagoula 106.3 WGOB (WPEM)
 NH Hanover 99.3 WFRD (WDCB-FM)
 NM Albuquerque *91.5 KHPG, \$
 NY Utica 104.3 WEGW (WUWU-FM)
 OH Athens 105.5 WXTX (WATH-FM) \$, r
 TN South Bend WJLY 101.5 (WSBT-FM)
 VA Burlington 107.3 KGRS (KBRU-FM) [-FM]
 MO Braddock Heights 103.9 WZYQ-FM (WMMH)
 MD Cambridge 106.3 WESP-FM (WCEM-FM)

IL Urbana WILL-FM *90.9 farm
 IN Ft. Wayne WMEF 97.3 music
 IN Muncie WLEC-FM 104.1 farm
 KS Lawrence KANU *91.5 TB?
 NM Albuquerque KHEM 96.3 Muzak (c on main carrier; not k as reported in Nov. WUD, p. 32)
 NY New York WRFM 105.1 adds SCA; Mor-mon Church readings?
 OH Columbus WTVN-FM 96.3 drops SCA WNCI 97.9 drops SCA
 NY Binghamton WSKG-FM *89.3\$, TB
 PA Red Lion WGBB-FM 96.1 TB for blind
 TX Lubbock KXTX *91.9 adds SCA & 10 M!
 WV Parkersburg WXIL 95.1 adds SCA
 WI La Crosse WLSR 104.9 Muzak; has v PR Aquadilla WTPM 92.9 adds SCA
 WA Seattle KEXX 98.9 adds SCA
 Ont. Ottawa CBDF 102.5 talk and music program relay, French, to new Cornwall station (details in Canada column)
 Ottawa CBO-FM 103.3 Program relay of CBO (AM) to other Cornwall station.
 Toronto CHFI 98.1 delete SCA
 CHUM-FM 104.5 music

PQ Montreal CKMF 94.3 adds SCA.

Calls (Continued)

OH Dayton *90.1 WOPB
 PA Freehold 103.1 WACH
 SD Aberdeen 94.9 KQAA
 TN Clinton 104.9 WYSH-FM (WCFM)
 TN Jackson 104.1 WKIR (WTJS-FM)
 TX Amarillo 101.9 KWAS
 WI Lyman 105.5 K288AB (erroneously listed as K288AN) [heard with m)
 Manitoba, Winnipeg 101.5 CJUM (on air/
 Ont., Ottawa 93.1 CKCU
 PQ St. Fabien (-de-Panet?) 96.5 CBDF-FM
 NM Albuquerque 107.9 KFWG
 OR Newport 102.5 WNPY-FM
 TN Nashville 92.9 WZEZ (WAME-FM)
 TX San Antonio *91.7 KRTU
 New Grant (Initial Decision)
 NJ Ship Bottom 100.1 3000 h.v.; 300'

Readers' Reports and Comments

The FCC is considering expanding its AM-FM nonduplication rule (WUD, Dec., p. 7) even beyond what was originally proposed—probably to include stations in cities as small as 10,000 population. Dolby Laboratories tells me "While it is obviously possible for a monophonic FM station to use our broadcast processor, so far as we know all users transmit stereo programming. The signal to noise of mono reception is so far superior in much of the mono listening area that the greatest need for 25 usec pre-emphasis, which permits higher modulation levels, is in stereo." (I questioned the 10-watt Dolbyized WITR Henrietta NY as being stereo; they say "it is possible WITR is mono. Our records do not indicate its mode." Stations like WFRD 99.3 Hanover NH are given by Dolby as having their equipment; WFRD not otherwise known to have stereo may thus be assumed to be stereo. WGTB *90.1 Washington DC claims Dolby, but they did not buy their equipment from Dolby and the company thinks they are using "homebrew" equipment to do this—legal.)

A Lane College student says that KLCC *90.3 Eugene OR would like to separate the station from the school and go commercial. A new channel, or just more broadcasts like Texaco's Metropolitan opera, which so many "noncommercial" stations carry with too many commercials to be legal? Fresno's CA's KARM-FM 101.9 became KFRY, thought to add to the confusion among KFRE and KFFE, all Fresno stations, but nobody including the FCC so far seems to care.

Not on the air: KSDL 92.3 and KAMA 93.1 both El Paso TX. Not on: XHH 100.7 and XHGH 105.9 Ciudad Juarez, Mexico. XHPX 98.3 and XHEM 103.5 Ciudad Juarez both on 24 hours.

WMZK 97.9 Detroit is ethnic 8 am to 1 am; m 1-8 am. Nationalities served include German, Spanish, Arabic, Polish, Korean, Italian, Bulgarian, Greek, Swedish, Russian, Norwegian, Armenian, Croatian, Lithuanian, Maltese, Slovak, Ukrainian and the India hour. The programs are

usually in native tongues, according to an article in the Detroit Free Press. "Occasionally the dialogue will be 50-50. . . WMZK spot checks its radio shows to make sure emcees aren't using the air time as a forum for blasting political regimes in the father or mother land. The station has interpreters who monitor broadcasts and have a list of questions to answer. . . WQRS-FM which plays classical music during the weekdays, devotes seven hours Saturday and Sunday to ethnic music." A writer asked about the deadline for this column. There is none—FM news is welcome any time and is put to use whenever it comes, much of it being keypunched on a daily basis, and saved for this column when typing day comes. I'd rather not mention a deadline so that my work is spaced out through the month, without a deluge occurring just before deadline. Going through half a pound of FCC news releases every week (much of it garbage) takes enough time before deadlines. Canada FM news has been piling up, even despite the mail strike, but now the CRTC informs they will stop mailing out information about new stations and applications. Unless an alternative form of information is made available, information on Canadian FM will become exceedingly stale. CFBC-FM 98.9 St. John NB also id's as "Cable 10."

A rebuttal to my announcement ^{comes} that I am going to list p-rock stations (VUD Nov., p. 8) separately from other rock stations from a person who thinks the decision is a mistake. "Some months ago you stated that you didn't care to make a distinction between beautiful music and MOR stations because there wasn't much difference between them. In my opinion, the difference between b and m stations is more pronounced than that between p and r stations. In both cases, however, there are many borderline cases, and I think here is where you are going to run into trouble. Finally, quoting from page 6 of the Atlas, 'Strict use of only a few categories in the listing of programming formats serves to ensure that the information given is mutually exclusive and exhaustive.' I'm sorry you have abandoned that policy." Anybody else feel that way?

For folks in the central Iowa cities of Des Moines, Urbandale, Clive, West Des Moines, Winneer Heights and Ankeny who have their FM radios soldered to the cable they can hear "KBLE" with progressive rock on FM 90.7 and TV audio channel 4.

KLVE 107.5 Los Angeles, now Spanish, will once in a while play an English-language record if it fits their sound. WWRN 92.1 West Palm Beach FL is "beautiful music"; stereo?

One reader was disappointed that details of the WMRV 105.7 Endicott NY power increase did not appear in the column. This change really caught me off guard in its swiftness; some stations scheduled to change frequencies, such as WTCH-FM Shawano WI from 100.1 to 99.3, have clung to their old channels for 2-3 years, while others like WMRV move like lightning. Details on WMRV's new facilities can be found in the fine print this month.

Some new Tijuana, Mexico, formats are given previously, with XHQS 95.7 and XHRM 92.5 especially fouled up, both alternating between soul and Latin music. "Tijuana FM just a mixed up mess—could change again during next full moon." Adding confusion, the Nov. 22, 1975 Billboard says "The San Diego [Tijuana, most likely—ed.] soul music station at 96 on the dial is off the air pending completion of a new transmitter, etc.; but president A. Curtiss Minnifield reports the station will be back on the air within 6 weeks at a new frequency and 100,000 watts."

WXIL 95.1 Parkersburg WV on air with r; "the most professional sound the area has ever had. It's also the strongest FM signal ever heard" at this point 20 miles distant. On the air: WMRT "88.3 Marietta OH 9200 h, v; 205". If you hear this station do not write to the chief engineer as he will not verify; other members of the staff may verify. KLYX 102.1 Clear Lake City TX now with all news, NIS, still keeps its S pilot on! WAIF "88.3 Cincinnati comes in with a strong signal; sounds like 10 kw, not 1.6 kw! Looks like 24 hours, S, hard rock (but they should be sharetling with WJVS). A new \$13 SCA adapter from p. 109 of the Lafayette catalog has opened the world of 67 kHz to yet another enterprising VUD reporter. He likes it, but has a schematic for a "very superb adapter" which can be built for around \$23. Speaking of equipment, the Radio Shack FM trap is helping a New York state DXer cut down on overload from powerful locals.

KQDY 94.5 Bismarck ND now on with a dramatically improved signal signs on with k at 0600; going to m later in the day on FM. CKX-FM 96.1 Brandon, Man. used to broadcast unmodulated carrier all night. Now they relay CKX-AM through the night with mono rock music; they leave the stereo pilot on. A trend away from proper identification from ND FM's: KYTN 94.7 Y95; KMOT 93.7, M93; KFVR-FM 92.9, Y93 Musicroadio, now 24 hours.

In a little-noticed action, the FCC amended its rules to permit transmission of visual material via SCA for radioprining in fields like financial, educational, medical and marketing. WCLR 101.9 Skokie-Chicago has it (with voiced Mormon Church readings about 11 p. m.), and WLVE 94.9 Baraboo-Madison WI believed to be using it (with no audible voiced SCA transmissions). Could presage

a discouraging trend, whereby reports, like farm and market news, will go the teleprinter route, eliminating much of the announcing SCA stations. Those of us with \$13 adapters will not be able to cavedrop on such transmissions, and I'll probably eliminate all known print-only SCA stations from my listings for that reason, just as I eliminate all teletype-only SCA stations now. Television pictures can be transmitted by SCA "slow scan," the transmission of still images for instruction or store display. WGGL #91.1 Houghton MI is to experiment with this. Audio will be at 41 kHz, with the pictures on the more conventional 67 kHz channel; and slow-scan can only be transmitted when the main channel is mono, not stereo. WGGL tells me they are not sure the experiment will be a success, but they do want to do creative things with their SCA, whether or not slow-scan pans out.

Crystal River FL, the home of a construction-permit holder WRYO 98.5, is not seen by at least one reporter as a very promising place to have an FM station. "In reality I can't imagine why a station would be started there as it won't serve much population! The station WDGM 106.7 in Leesburg has been off for some time. It has apparently been replaced by WELE which plays country." No, WELE is on 105.9 in De Land. WDGM is listed as being owned by WLBE (AM) Leesburg, so maybe a collect call to WLBE at 904-787-2790 would net one of our FL reporters some interesting information on one of their dormant home-state stations.

The "new" WXTQ 105.5 Athens OH usually gives its "ID" as "Q-105." Sounds robotized; \$; brilliant audio quality. And for public service they offer "(gasp! groan!) 'Q-Tips.'" I ask, how A) vulgar, B) disgusting, or C) both of forementioned can these 'Q-guys' get? It must end somewhere, but where and when? I have to start in getting in agreement with you about it since my first listening to a 'Q' station." WHOK-FM 95.5 Lancaster OH used to have a distinctive station slogan—"Your voice in the Hocking Valley," named after the Hocking River valley; now it's "the mighty '95'" for WHOK-FM. "Me thinks I concentrate more on SWBC and forget American broadcasting. But next, it'll be 'BBC World Service. . . Bigger and better constantly.' As the song 'Where Have all the Flowers Gone?' asks us. . . 'When will they ever learn?'"

WFMA 100.7 Rocky Mount NC switched the ABC network off its 47 kHz subcarrier and went stereo; Muzak still on 67 kHz; main carrier still "Country Loving." WVOT-FM 106.1 Wilson NC to offer separate stereo programming and more power in the new year; new calls expected, too. WCIS-FM 104.3 Tarboro NC plans to go \$ soon with separate calls, also. WVWR Roanoke VA now on air with improved signal on its new channel of *89.1, 100000 h.v.; 1970', \$, P.

A user of Realistic's QTA-770 is well satisfied with his Radio Shack receiver, bought on sale for \$350.95 (normally the set sells for \$599.95), except the "auto-magic" AFC, activated by your hand on the tuning dial, causes you to notice the local stations more rather than weaker signals nearby on the dial, but it can be disengaged. "It's best to FM DX without this feature as a nearby local strong station could possibly be tuned in instead. The FM muting is nice to have but the threshold is set too high that a moderately strong signal is needed to break through it. Radio Shack should either redesign it for minimal threshold or make the muting user variable. For the price, it seems as if it's a wasted feature." Yes, WCVO 104.9 Gahanna OH is stereo, but "I have a notion to report them to Detroit as 95% of the time I see them broadcast in \$ in actuality it is in mono! I know for sure that I've seen other reports of similar goings on. When will they all learn?"

OFF THE AIR: WVOI Tisbury MA, on Martha's Vineyard, disappeared from the air, and the Cape Cod Times investigated. WVOI's telephones were disconnected, and the station went off the air because of "serious financial difficulties." The owners are reportedly trying to find new sources of revenue. WVOI was on 95.9, but has a permit to move to 92.7, if they ever return to the air. In Puerto Rico, the FCC has authorized dual-language TV-FM programming, with participating FM stations allowed to broadcast in English up to 15 hours a week or 3 hours per day the dialog of TV programs, with noncommercial stations cooperating with commercial stations taking steps to make sure their entire output is strictly noncommercial.

Have a happy, prosperous, healthy and DX-filled new year! And thanks for the support of this column and the fine words many of you have had to say about it. Contributors this issue: Frank Acen, Jr., Bend OR; Robert Baker, Humboldt IA; Andy Bolin, Charleston IL; Bill Coleman, Jr., Rocky Mount NC; Dick Clark, Pittsburgh PA (who's moving to El Paso TX); Michael Dalton, Clearwater FL; Wm. D. Vickerman, Williamsport PA; Mike Dorner, Jr., Metairie LA; John Ebeling, Bloomington MN; Robert Eddy, Newport OH; Paul L. Gaines, Detroit MI; Morley Kahn, DuPont Laboratories, San Francisco CA; Nick Lombardi, Atlanta GA; Mark S. Lucas, Lancaster OH; Fred McCormack, Fargo ND; Eric Norberg, Portland OR; Rod O'Connor, Southwest Harbor ME; Jim Pizzi, Orcutt CA; Kenneth R. Simon, W. Palm Beach FL; Joseph Smith, Jr., Johnson City NY; L. Weil, East Rockaway NY.

DOMESTIC BROADCASTING AND VHF DXING IN SWEDEN

BY LARS A. RYDÉN

In Sweden, like in a number of other European countries with government-operated broadcasting, programs are provided by one organization, whereas the distribution of the programs is undertaken by another party. In Sweden, the program production is undertaken by Sveriges Radio AB (=Swedish Broadcasting Corporation), whereas land lines and transmitting facilities are operated by the Telecommunications Board.

The Swedish public is offered three broadcast and two television programs. In broadcasting, the First Programme (usually designated P1) provides a general service. The Second Programme (P2) is a combined educational [daytime] and classical music [nighttime] channel. The Third Programme (P3) broadcasts light music, phone-in request programs and other DJ shows. This format somewhat resembles North American broadcasting. However, there is no advertising in the Swedish programs. P3 is on the air around the clock; P1 and P2 are on for 16 to 18 hours a day. All programs are broadcast nationwide. However, three times a day the P3 net is split up into a dozen regional nets, for fifteen-minute regional broadcasts. These broadcasts originate from studios in the particular region (and this is about the only chance to report individual transmitters in Sweden at present).

According to a new plan that is going to be implemented in 1976-77, these local programming activities are going to be further expanded. Instead of the present 12 regional studios, there will be 24 local studios, one for each of the provinces of Sweden. The local studios will produce 10 to 15 hours weekly of local programs. They will still be broadcast over the P3 FM stations.

All three broadcast programs are transmitted on FM. Additionally, P1 is on AM (both long wave and medium wave), but very few people in Sweden listen to AM these days. It has been the goal to provide interference-free reception of all the programs in all parts of the country. This has been achieved through the erection of a network of FM transmitter sites spread over the whole country. Each one of these sites is equipped with three FM transmitters of 60 kw each (one for each program), plus one VHF TV transmitter of 80 kw (for TV1) and one UHF TV transmitter of 1,000 kw ERP (for TV2). The antenna mast is 1,000 feet high as a rule, and the location is on the top of a hill or a mountain range. In addition, there is a considerable number of smaller transmitters and repeaters in places with difficult reception conditions. TV is broadcast in 625 lines, color, PAL system. For further details, please consult your WRTVH.

In most Swedish homes it is now possible to receive the three broadcast programs on FM without an outdoor antenna. Most people listen on portables with whip antennas. An increasing number of people are buying stereo tuner/amplifiers, but to obtain good reception it is usually adequate to put up a 300-ohm folded dipole behind the bookshelf. Since all the three programs are transmitted from each of the tower sites, you can just fix your antenna towards the nearest transmitter. Many home receivers are equipped with pushbuttons, which can be preset and set to the three programs, thus eliminating the need for retuning each time you wish to switch from one program to another. The TV sets are equipped in the same way.

After many years of experiments (and an internal fight to introduce an alternative system), it has now been decided to go ahead and introduce the multiplex stereo system on all Swedish FM transmitters. This should be finished by 1977. Already now, the Stockholm P2 transmitter, which was the one utilized for the experiments, is broadcasting in stereo most of the time.

The introduction of stereo broadcasts may induce some people to put up more efficient antennas, and this may increase the use of outdoor antennas. However, on the market today you will only find simple dipoles (for window mounting) and a three-element yagi for masts.

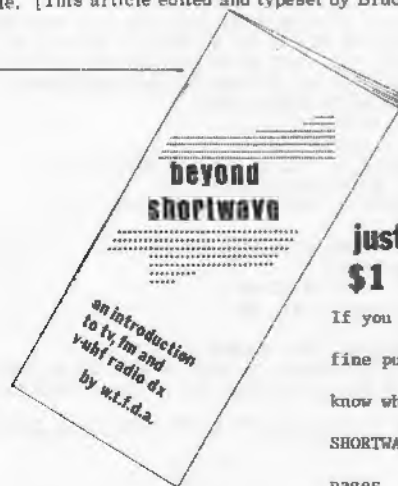
There are no rotors on the market, since there is no need to rotate your antenna.

VHF DXing in Sweden As you can understand from the above, FM and TV DXing is no great affair in Sweden. With three nation-wide networks, except for the short regional programs, domestic DXing at present is rather uninteresting. There are some VHF DX fans around, anyway. In the early days of Swedish TV, about 15 years ago or so, TV DXing was quite popular. Today, TV and FM DXing is done on an occasional rather than systematic basis.

In Stockholm it is fairly normal to listen to and watch Finnish stations on tropo from early in the season (March through September). In the summer months (May through July), FM stations can occasionally be heard from most of the countries on the European continent (on sporadic-E skip) as far as from Greece. Both on FM and VHF TV Italian stations seem to be at a very favorable distance for such reception in Sweden. Among the most interesting stations heard in Stockholm last summer were the AFN stations at SHAPE headquarters (4 kw) and in Brussels (0.9 kw). Further, Great Britain, France, Spain, Yugoslavia and Greece provided interesting FM reception. Similar conditions appeared on TV.

My own FM reception equipment consists of a Pioneer tuner/amplifier model SX-828. The antenna at present is a three-element yagi directed towards the southwest; i. e., western Europe! Under normal conditions; i. e., wintertime, I can regularly hear about 30 different Swedish stations (i. e., 10 transmitter sites) located up to about 200 miles away. I also have a portable Sony ICF-8000 (the successor to the TFM-1600) with a quite sensitive FM—which managed to catch FEN Okinawa at 1100 miles in Tokyo last summer. I watch TV on a 26-inch German-made Nordmende (color) with antennas fixed towards the Stockholm transmitters. This happens to be in the southeast direction, so I also expect to see some USSR TV this summer.

The accompanying map shows the locations of FM transmitters for Sveriges Radio's transmitters for Programmes 1, 2 and 3 with approximate coverages. It shows estimated coverages as of the end of fiscal year 1975/76. WTFDA member Lars A. Rydén resides at Majvägen 6, S-175 40 JÄRFÄLLA, Sweden. Before returning to his native Sweden, Lars lived in Tokyo, traveling extensively in the Orient and North America, and listening to FM radio on a portable. [This article edited and typeset by Bruce F. Elving.]



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Tropo DX wasn't much in the last few months. October saw little to speak of, and November found a little in early month in North Dakota and south Texas, VHF TV out to 355 and 515 miles; and 7-8 December saw the start of VHF-UHF tropo seen in Oklahoma up to 860 miles. Es picked up in November as compared to October. Of course, more Es was seen further south (more days with higher MUF's). South Texas was particularly good while Oklahoma was fair. North Dakota was slim, though some aurora-induced Es was noted on 9 October and 2 November which was not seen further south.

		nite	am	eve	eve	eve	eve	sft	eve	am	eve	eve	am-aft	eve	am	aft	eve	
Es	Oct	9	11	12	31	Nov	2	4	16	19	20	21	22	23	23	26	26	30
Kr. reporters		1	2	1	1		1	1	1	2	1	1	2	2		1	1	1
MUF at least	1053	2	2	6			4	3	2	2	2	951	3	4	2	3	3	2
							eve	eve	am-noon	aft-eve	eve							
						Dec	1	3	5	5	6							
							1	2	1	2	2							
							3	949	3	95.3	986							

(CST)

2	tr	0922	CKST - 11	Saskatoon Sask	3345R 355	2158	CKSO - ?	3	Ont	4544R
		0929	CFQC - 8	Saskatoon Sask	3032" 355	2320	WGR -	2	Buffalo NY	3333R1155
		0948	CKYD - 12	Dauphin Man	4043N 230	2334	WLND -	2	Dayton OH	44435"1035
AE		2130	CBOT - 4	Ottawa (Que)	3333R1240	2335	WSAZ -	3	Huntington WV	3445"1175

CKYD-12 (new logging) is a new satellite of CKY-7 Winnipeg

The early fall season, after the false start around Labor Day (in last report), turned out to be a big disappointment. A few new stations have been added, but they represent for the most part a few new-to-air and a handful of missing holes in my under-500-mile radius. I am reaching the point where some careful thought is going to have to go into the antenna system for 1976 and beyond. The limits of the present system have about been reached. I hate to do it, but it appears that a super UHF translator system is a must and some moveable (if not rotatable) large low-band arrays for pin-pointing some specific channels and 5 stations that have eluded me to date. When one approaches the 650 mark, the new ones come tough, and seldom by chance. It almost takes deliberate planning to add new ones, at some investment in time and materials to add more than one at a time. The materials I have, but the time is another matter.

Sep 6: trend tune-in 0810 KHNE-29 KONE-19 NE K18AA KS KCBJ-17 MO:

t in 0930 KDNL-30 MC WMBD 31 WEEK-25 WRBU-19 IL

Sep 7: tropo 7 in 0930 WICS 20 WEEK-25 IL WDRH-29 KY (now off air) KDNL-30 MO
WLKY-32 KY (750 mi) WIII-38 IN K18AA KS WLFI 18 IN WRAU-19 IL KCBJ-17 KPOB-15 MO KIDZ 24
FVUS 24 KTVV 36 TX plus many more in & out. 0902 WAPT 16 MS KVRL-26 TX (now KDOG-TV)
WRBT 33 LA WBNT 25 IN WLSX-10 KY WXIX 19 OH (790 mi) WKPT-19 TN (840 mi) WHMB-41
WFLD-32 IL WKBD-31 IA WCIU 26 IL 3041 K1AA 14 IA WFTB-14 IN.

Sept 8: tropo t/in 0723 KBNL-30 KCBJ-17 HC

Sept 9: tropic t/in 0715 EDNL-30 NO, possible WDXR-29 KY.

Sep 18: tropo t/in 0750 KADI 16 LA KIDZ 24 KVUE 24 KVRL 26 KTVV 36 TX.

Sec 20: trong t/in 0800 FIDZ 24 KVUE 24 TX, 1000 KDNL-30 MO.

Sen 22: trono t/in 0806 KCRJ-17 MC KIDZ 24 KVUE 24 TX KDNL-30 MO.

Sep 29: tropo t/in 2100 KC5J-17 MO.

Oct 6: tropo t/in 0705 KCSJ-17 KDNL-30 MO, t/in 1950 KDNL-30 MO.

Cet 7: tropo t/in 0730 KDWL-30 KCBJ-17 MO.

Oct 11: Es 1113-1118 channel 2 weak, s.e., 20⁰-offset.

Oct 12: Es 1930 past 2100, channel 2

Cet 26: tropo 0845 KCEC-17 HO weakly.

Oct 29: trope t/in 0725 KDWL-30 MO KBIN-32 (stn #64) QIA KCBJ-17 MO.

Oct 30: tropo 0800 WRET 33 LA WFAU 17 MS KLAA-14 LA WNAH 19 WMAO 23 MS WENO-26
 WLPB-27 LA WMAA 29 MS, 2100 KBIN 32 KHIN 36 KRIN 32 IA ENCT 46 KTVV 36 KVUE 24 TX
 KCBQ-17 MC.

NOV 7: tropo t/in 0740 KHTV 39 KTVV 36 KIDZ 24 KVUE 24 TX KHIN 36 IA KHNE-29 NE
 Z1PAA KS KHEG 14 IA. t/in 2200 KCEJ-17 MG.

Nov 8: tropo t/in 0735 KHNE-29 NE, 0741 KAMU-15 TX KIDZ 24 KVUE 24 KTVV 36 TX KEDT
 16 LA KVRL/KDOG-26 TX WAPT 16 MS KLAA-14 LA KYNE-26 NE, 0835 WCPT 33 AL and others.
 Nov 10: tropo t/in 1930 KDNL-30 MC, 2043 WAPT 16 MS KEDT 16 LA KTVV 36 KHTV 39 KNCT
 46 KVUE 24 KIDZ 24 TX, 2049 KLAA-14 LA WMAV 18 WMAO 23 WMAA 29 MS KHNE-29 NE, 2105 WCPT
 33 AL WEMG 42 AL (750 mi), 2135 KVRL/KDOG-26 TX, 2150 KCBJ-17 MO.
 Nov 11: tropo t/in 0635 KHTV 39 KDOG-26 KIDZ 24 KVUE 24 TX, 0756 KUHT 8 TX.
 Nov 19: Es t/in 1825 ch 2 thru apx 2000—ne, no Ids; t/in 2056 ch 2+ PBS, no Id.
 Nov 22: Es 1902-1925 XEW-2 DF, again 1951, 2030 briefly.
 Nov 23: Es 0955 chs 2, 3, WPMY-2 NC WBTV 3 NC WMAV-3 NC, 1855-1858 ch 2 weak, no
 Id, 2057 apparent Es to Canada, ch 2, no Id.
 Nov 28: tropo t/in 0725 KIDZ 24 TX.
 Dec 3: tropo t/in 0725 KIDZ 24 TX; Es t/in 2005 WBRZ 2 LA (540 mi, short),
 2036 WPBT 2 FL.

Dec 5: Es t/in 1830 ch 2 s.e.
 Dec 6: Es t/in 1820 ch 2-3 s.e., 1841 to ch 4 s. & s.w. (Mexico) thru 2025.
 Dec 7: tropo t/in 0643 WAPT 16 WJTV 12 MS, t/in 1110 tropo still in for unusual
 daytime session, KLAA-14 WRBT 33 LA, 1125 WMAV 14 WMAU 17 WMAA 29 MS KCBJ-17 MO KVPD-21
 IA KIDL-30 MO WMAV 18 MS, 1137 WMAH 19 WMAO 23 MS, 1200 WLPB-27 LA, 1315 WIGD 15 WICS 20
 IL, 1343 WJIL 38 IN, 1410 WAND-17 IL, 1445 WEEK-25 WNRD 31 WFLD 32 WRHU-19 IL, 1522 WSNS
 44 IL WSJV-28 WKUG-33 WNDU 16 WNIT-34, 1613 WCIU 26 IL WHA-21 WI KRIN-32 IA, 1659 KPOB-
 15 MO, 1718 WFFY-20 WHTV 24, 1730 WEMG-42 WHMB 40 AL, 1820 WHNT-19 AL WAAV 31 WFIQ 36
 WYUR 48 WCFT 33, 1834 WHIO-24 OH, 1900 WTVF-47, 1945 WKSO-29 WKMA 35 WKLE 46 WLKY-32
 WKZT 23 KY, 2014 WYEA-38 GA WIIQ 41 WRIQ 42 WCOV 20 AL. Signals were of moderate strength
 through day with slow QSB. 2030 WCPT 33 AL WRBT 33 LA WKAB 32.
 Signals very good through my shut-down at 2200.

Dec 8: tropo 0454 WTCG 17 WHAS-11 WALA-10, 0503 WBIR-10 WAAV-31 AL, 0509 WSPA-7
 (ch-7 #31)(860 mi) WTVN 9 WQXI 11 WJTV 12 WLOS-13, 0520 WMAZ 13 MS (800 mi) WYEA-38 GA
 WAFB-9, 0531 KNOE-8 WAPT-13 WHNT-19 AL WLSAB WTCG-11 WOLN-15 KLFY-10 0553 WKYT-27 WLEX-18
 KY KDOG-26 TX, 0602 WYUR-48 WCVB-41 (800 mi) WCCV-20 AL KTVV 36 TX KBOC-L Waldron AR WLKY-
 32 KY WIGD 15 IL WEHT 25 IN, 0622 WEMG-42 AL WHBQ 13 WMAA 29 WMAO 23 WMAH 19 WMAV 18
 WMAU 17 WMAW 14 MS, 1639 KIDZ 24 KVUE 24 TX, 0645 WHAE-46 WNLN-30 MO, 0649 WFTV 30 WGNO-
 26 WAPT 16 WCPT 33 WKAB-32, 0702 WJSP-28 WACS-25, 0750 KPOB-15 MO WKMU 21 WKMA 35 KY WFIQ
 36 AL WLPB 27, 0803 WAIQ 26 WBIQ 42 AL, 0820 WTCL-45 (#649, 679 mi), 0841 KNCT 46.
 This stable high-pressure session was similar to the Christmas session in 1971—
 still going on as this is dropped into mail. 10 new loggings bring total to 649. 73.

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228 (7 Nov - 7 Dec) (CST)
 Equipment: 1971 model 9-inch black-and-white Penncrest; Archer V-100
 TV-FM and 8-bay bow-tie UHF antennas at 20 feet with rotor
 7 tr 0825 WAPT 16 Jackson MS T 525 21 Es 1759 KTVI 2 St. Louis MO 790
 WGN-26 New Orleans LA T 510 KMOX-4 St. Louis MO T 790
 WLPB 27 Baton Rouge LA T 450 WCIA 3 Champaign IL 935
 WRBT 33 Baton Rouge LA 450 1821 WBBM-2 Chicago IL 1045
 (in past 12) 1829 WRBL-3 Columbus GA 830
 1215 WBRZ 2 Baton Rouge LA 450 WCBF-2 Charleston SC 1120
 1220 WAFB-9 Baton Rouge LA (thru KLFN) 450 WGTV 2 Charleston SC T1120
 1955 KPLC-7 Lake Charles LA 325 1835 WCSC-5 Charleston SC T1120
 2045 WRBT 33 Baton Rouge LA T 450 1842: WUP to 95.1
 2200 WLPB 27 Baton Rouge LA T 450 2000 f/out
 2211 WBRZ 2 Baton Rouge LA 450 22 Es 1835 unId 2 north east (brief)
 8 tr 0100 WAPT 16 Jackson MS T 525 1930 WESH-2 Daytona Beach FL T1055
 1759 KETS 2 Little Rock AR 515 2100 unId 3
 KARX-4 Little Rock AR T 515 2120 WPBT 2 Miami FL T1150
 2345 KCBF-11 Lubbock TX 340 2145 f/out
 KBIM-10 Roswell NM T 440 23 Es 1010 unIds 2,3
 KLBK-13 Lubbock TX T 340 1059 WLVN-2 Dayton OH 1075
 2 tr 0010 KMCC 28 Lubbock TX 340 1100 WAVE-3 Louisville KY T 945
 0040 KHX -10 Monterrey NL T 275 1110 WJR -4 Detroit MI T1225
 0928 KNID-2 Midland TX 275 1126 WTMO 2 Terre Haute IN 935
 16 Es 1340-1405 KTNW-2 Casper WY T1015 1129 WJBK-2 Detroit MI 1225
 12 Es 1843-1950 unIds 2 1310 f/out
 1859 WBAY-2 Green Bay WI 1190 1335 unIds 2,3
 20 Es 1129 WBAY-2 Green Bay WI 1190 1432 KQTV 2 St.JoeMO(soon f/out) 750
 (briefly) 2120 unId 2 north (brief)

2b Es 1030-1110 unids 2,3 n.e.
 1415 KEYT 3 Santa Barbara CA T1270
 1440 KNXT 2 Los Angeles CA 1190
 1435 f/out

20 Es 1910-1925 WFET 2 Miami FL T1150
 21 Es 1935-1950 unids 2,3
 2 Es 1950 WSB 2 Atlanta GA T 920
 1955 WRGB- 3 Chattanooga TN T 865
 1958 WAK- 2 Sneers 1st TX 1010
 2027 WATE 4 Knoxville TN 990
 2053: 1st to 9th
 2100 WAC 5 Nashville TN T 820
 2125 WCC- 4 Minneapolis MN T1110
 2129 KTCB 2 Minnesota MN 1110
 2145 apx f/out

2 Es 1950 unid 2 (brief)
 10 unids 2,3
 It seems there is a way some sort of last-minute opening just when it is time to mail off a column next.

The weather ducting into Arkansas the evening of Nov 8 was very stable, and later spread as far as probably New Mexico.

The 1st of Nov 21 was the first to get MUF into the FM band here since Aug 16.

As we move towards the winter peak for Es, the openings have been increasing rather rapidly—particularly with Es or 4 of the first 6 days of the month already, in December.

Hope to have some luck with my "missing" Ch-4's and (mostly needed) 5's with the Gemini shower in about a week. 73, AS1YX.

Patrick Martin, PO Box 149, Warrenton, Oregon 97146

(28-30 Nov) (PST)

I have recently gotten into DX. I've been involved in FM DX for quite some time, but haven't done much in TV. I've lately been trying some Q400 MS, which has been fairly successful.

Receiver: Philco 23-inch black & white console

Antennas: Two high-band yagis stacked (homebrew), Winegard SC650 (FM-Ch.5-6), RCA Tunable Rabbit Ears, plus TV Cable (low & high band)

Boosters: OLD RLS Tunable Preamp (2-6/7-13), Channel Master Preamp (Ch.2-83), Jerrold CATV booster (Ch.6-FM)

23 MS 12.6 KXT 2 CA movie)
 12.7 KBCI- 2 ID weather—after s/off, wx station runs AN)
 12.8 KYY- 2 CA same movie, car ads)
 13.0 unid 2 color bar—BC pattern?)
 14.07 unid 2 CBS Morning—PM or WMT)
 14.33 CBEK- 2 MI? (call or pattern)
 25 MS 13.10 AT 2 CA movie)
 13.16 KBCI- 2 ID (weather station)
 13.21 KAT 2 CA movie)
 13.26 unid 2 (color bar—BC?)
 13.53 KNXT 2 CA movie)
 That just about does it. Catch you later.... 73's (GUD DX).

0354 KBOI- 2 ID (wx station)
 0401 unid 2 (mystery-type movie) (not KNXT—is KTVU AN?)
 0405 KUTV 2 UT? (call on pattern)
 0406 KBOI- 2 ID (wx station)
 0412 unid 2 (used car spot)
 30 MS 0236 unid 2 (color bar pattern—NBC?)
 0239 KBCI- 2 ID (wx station)
 0241 KNXT 2 CA (usual movie)
 0247 unid 5 (color bar—NBC?)
 0258 KBOI- 2 ID (wx station)
 0517 unid 2 (Morning News)

Robert J. Williams, 251 6th Ave. West, Twin Falls, Idaho 83301 (1975:Feb-18Jun) (MST;MDTMay)

60 in. 21" Curtis-Mathes color TV in TV-radio-phonograph combination; Motorola AC-DC solid-state & portable; 17-el. outdoor ant. (horiz. polarized); two stacked ch-4 5-el. yagies on rotor; various other antennas; boosters.

22 tr 2132 KBCI- 2 Boise ID 12.30 FJSD- 2 Vermillion SD 31 Es 0001 Canada? (ad for Leo's Men's Shop)
 22.15 PDCI- 2 Boise 12.31 PTEW 2 Tulsa OK 0013 CBXAT2-27 Alta? (Kane's of Edmonton)
 2 tr 2200 KBCI- 2 Boise 12.30 KBCI- 2 Boise ID
 22.58 KATD- 4 Boise 12.32 KATD- 2 Midland TX
 13 Es 2100 KATD- 2 Midland TX 12.35 1230 KATD- 2 Midland TX J6 Es 1800 KETS 2 L.Rock AR
 19 Es 2130 KATD- 4 Tulsa OK 12.30 KATD- 3 S. Angelo TX 8 Es 1922 KHBC- 3? (outer space, "Galaxy" etc)
 21.30 PTEW 2 Tulsa OK 12.35 1230 PTEW 2 Tulsa OK
 21.45 KATD- 4 Boise ID 12.36 1230 KATD- 2 Midland TX 11 Es 1129 KATD- 2 Midland TX
 21 tr 1330 KATD- 7 Boise 12.36 1230 KATD- 2 Midland TX 1131 KATD- 2 Midland TX
 21.30 KATD- 2 Boise 12.37 1230 KATD- 2 Tulsa OK 1257 KDFW- 4 Dallas TX
 21.45 KATD- 2 Boise 12.38 1230 KATD- 2 Tulsa OK 1334 KTEW 2 Tulsa OK
 21 tr 1330 KATD- 7 Boise 12.39 1230 KATD- 2 Tulsa OK 1404 KATD- 3 NE?

13 Es 1800 KTCA- 2 St.Paul MN 1611 KMID- 2 Midland TX 1400 KTEW 2 Tulsa OK
 17 Es 1400 KTEW 2 Tulsa OK 1700 KMID- 2 Midland 1442 ? -2 (recorder) off
 1430 KARD- 3 Wichita KS 18 Es 1312 CKPR- 2 ThndBayOnt 1501 KCKT 2 GrtBend K3
 1511 KWAB 4 BgSpringTX

had a really nice Es summer season in '75, with CBWT 6 KDIX-2 WAVE-3 WFRV-5 WSIL-3 as new Es stations for me. Boy, that new Worldwide Test Card Guide is great. '73's.

Jim Pizzi, 300 Park, Orcutt, California 93454 (-to 1 Dec) (PST)

No DX activity to report this time. Es has been nonexistent and no tropo to speak of, Jim, you last report was for late-June DX—nothing seen since then? dps)

Tower system dead in the water—severed rotor cable (perhaps that explains it. dps). I will be re-doing set-up soon. Going on tower will be 10-element FM log at 79 ft (horizontal), 7-ft UHF dish at 75 ft and Channel Master CM-1110 ch 2-13 log at 70 ft. A Channel Master UHF line amp and head-end (CATV type #7352 broad-band UHF) amp will be used. All will have CAC-11 co-ax—possibly .412 for UHF. Will use Alliance C-225 rotor and GDE thrust bearing.

Now using a 10-element ch-2 yagi at 30 ft with CAC-11 co-ax and small Jerrold tube amp. And 10-element FM log (separate from antenna above) vertically mounted at 40 ft with CAC-11 co-ax into tunable Ameco FM pre-amp.

Smaller system includes 10-element ch-4 at 23 ft and 10-el. ch-5 at 15 ft for use during Es openings and MS; CAC-11 co-ax through Jerrold tube amps and Maspro tunable attenuators (-30 db).

TV equipment includes 18-inch Zenith color, 13-inch Panasonic color, 12-inch Panasonic B7W and 8-inch Sony BAW. All sets except Zenith have UHF detent tuners.

FM tuners used are JVC VT-900 digital, JVC-VT-700 and Fisher 500-C (with audio output tubes removed—used as tuner) all into Sony TA-1066 amp. Easy to tune several stations in different directions and just punch them in at ID time. Plus a Grundig TR-5000 and Sony TFM-1000w portables.

Hope to have the new system on the tower soon—will report when completed.

While no DX was noted, I did do a little traveling to check out signals at near-by locations.

Nov 25: Using 8-inch Sony portable TV-960 w/UHF detent (monopole VHF & bowtie UHF antennas) from 10 to 20 miles west of Paso Robles, CA (70 mi north of Orcutt) at elevation of apx 1500 ft above sea level, driving west on State Route 46—good DX, excellent scenery, stations received with best VAPI (all UHF apx 130 miles distance):

KEYT 3 SantaBarbara 5555	KNTV 11 San Jose 1035	KMJ -24 Fresno 3555
KSBY-6 SanLuisObispo 5555	KCOY-12 Santa Maria 5555	KMPH 26 Tulare 5555
KEVII(KCOY-12)(20kdsCGI)	KJTV 17 Bakersfield 3555	KBAK-29 Bakersfield 4555
Morro Bay 4554	KFTV 21 Hanford 3555	KFSN-30 Fresno 2555
KSBW-8 Salinas 4555	KERO-23 Bakersfield 5555	KJBO 47 Fresno 2555

(No sign of KGSC 36 San Jose or KMST 46 Monterey)

Nov 29: Equipment same as above but using 20-element UHF on 10-ft mast, 20 miles west of New Guyana, CA on Richfield oil lease, elevation apx 500 feet ASL:

KEYT 3 SantaBarbara 4555	KTTV 11 Los Angeles 2053	KMPH 26 Tulare 4455
KNBC 4 Los Angeles 1054	KCOY-12 Santa Maria 4555	KCET 28 Los Angeles 3455
KTLA 5 Los Angeles 1054	KCOF 13 Los Angeles 2053	KBAK-29 B(ghosty-strong)
KSBY-6 SanLuis Obispo5555	KJTV 17 Bak(ghosty-fair)	KFSN-30 Fre.ghosty-weak)
KABC-7 Los Angeles 3555	KWHY 22 Los Angeles 3455	KMAX 34 Los Angeles 2345
KHJ -9 Los Angeles 4555	KERO-23 B(ghosty-strong)	KLXA 40 Los Angeles 3455
	KMJ -24 Fre(ghosty-weak)	KVST 68 Los Angeles 2355

(No sign of KJBO 47 Fresno or KFTV 21 Hanford)

At this location, Bakersfield U's were received 90° off mxtr heading—reflected off 5845-ft McPherson Peak to the south of me. Fresno U's were received 45° off mxtr heading—reflected off 5104-ft Caliente Mt. to the east of me. Have TV—will travel. Will return.

Don Voegelé's address was overlooked from his note in last month's column. If any of you fellows who remember him from the AIPA days (or anyone else) wish to contact him, his address is presently 211 West 1st Avenue, Apartment F; Chico, California 95926.

Best of DX to all in 1976

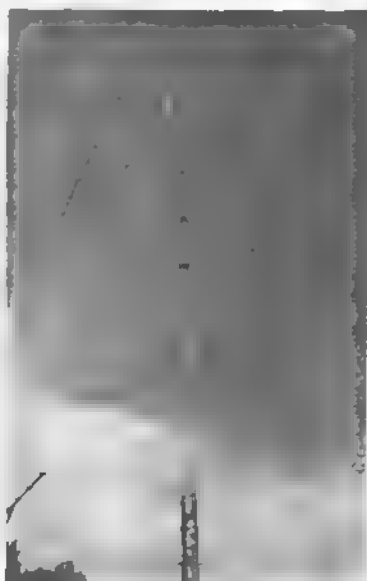
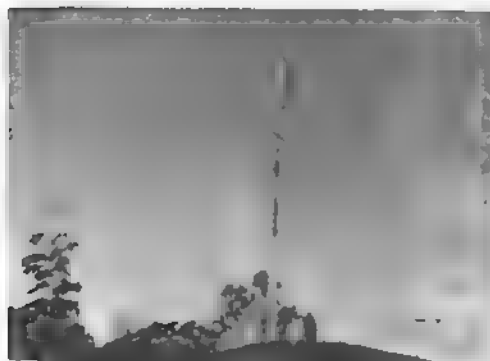
Dennis

PHOTO-NEWS

Jim Alexander
Canisius College
Box 2 - Bosch Hall
Buffalo NY 14208

January 1976

FEATURE: This month,
PHOTO-NEWS visits Ron LeBlanc's
place in Marrero, La. Listings
appear on the next page.



Photos on the previous page:

Top left, and also at right --
50 ft crank up tower; AR-33 rotor;
Finco 7' UHF dish @ 50 ft; 2
Winegard high-band yagis (hori-
zontal) @ 45 ft; 2 Channel Master
Stereo Probe 9's @ 42 ft (also
horizontal),

To the left are 2 Winegard
low band yagis stacked vertically

At the bottom is Ron's DX
shack: Zenith on left is used
for highband, Heath color set is
used for low band and UHF.
Zenith on the right is used on
low band with vertical
antenna



The rest of the shack,
from left to right: Heath
10-103 scope; AKAI Deck
comb. 8 track X-1810 D
reel to reel. Above deck
T-45 rotor control box and a
AR-33 control box. Then,
Heath AR-1500 stereo rx;
above the rx Heath 1G-57A
sweep marker gen, RCA
rotor control box above.
On wall above 2 CM high
band traps. Above the
Heath GR-295 TV are
4 CM low band traps
and BT UHF amp.



Photos on this
page: At the top,
Ron's FM map w/TV
map directly below.
Below the maps, a
photo of Ron's photo
collection.

73 and good DX, Jim

EASTERN TVDX

Bill Thompson
1907 Seneca Street
Buffalo, NY 14210

January 1976

Deadline: 10th

After mid-November, tropo conditions practically everywhere in the East fell back to winter levels for a very simple reason--winter-like weather. At one point, not even normally sunny southern Florida escaped the chill of a strong arctic cold front that swept down the Eastern Seaboard. However, there was also a period in the second part of November when record temperatures for the month were reached at some locations (Philadelphia is an example). The huge temperature variations of November are long gone by now, but there's always the possibility of some good midwinter tropo as you read this. Don't overlook this possibility, because while it may be short-lived, midwinter tropo can be very productive for TV DXers. Also, while the period of best tropo is now over for Northeasterners, it's really only just getting started in the Southeast. Not too many good Geminids meteor scatter results are indicated in the reports of Paul D. Traska and your editor, but the burst rate on the morning of the shower peak was quite good; hopefully, more interesting MS loggings will show up in reports to come. The only real Es activity noted by Eastern DXers since late August has been the November 9th opening (MUF to at least 98.7 MHz), and an opening on December 6th (MUF at least channel 6).

Roger Gravelle 60 Valerie Street St. Thomas, Ontario N5R 1A8 (EDT/EST)
May
 18 Tr 2100 CITY-79 Toronto Ont (130)
 2300 W26AA-26 Jamestown (100)
 W46AB-46 Dunkirk NY (85)
June
 20 Tr 0700 WJID 38 or 39 "WTRF-7"
 Wheeling WV--unknown mystery--
 WTRF too weak to overload here"
July
 31 Tr 2200 WTAP-29 Philadelphia PA
August
 7 Tr ---- CKGH-22-22 Urbridge (170)
 8 2200 WCAN-50 St John IN (350)
 Equipment includes 5' Delhi parabolic UHF dish, 72 foot tower, Delhi pre-amp, Electrohome 26" TV. "Tuner on TV is very poor on UHF. WKEF Kaiser channel 61 Cleveland passed on 4-24-75--to our sadness. Per Mr. Bennett, manager of station: 'Cleveland market too small to support 5 stations in area!'" (Good to hear from you again Roger; wish you'd report often -bt)

Mark L. Lewis 80 Cherry Hill Circle Apt. 1008 London, Ontario N6H 2M2,
 relates that he was in on the super ducting of November 4th-5th:
 "I caught KMEG-14 Sioux City, KXNB-19 Norfolk, Nebraska during that phenomenal duct! Many surprises in that one."

David J. Egan 92 Joron Valleyfield, Quebec
 "I haven't diked in so long...it would happen that as soon as I got a 7 foot dish at 68 feet I wouldn't have the time to use it...I have very little spare time to DX or write anyone. Plans are to dismantle the tower in late winter if my enthusiasm and time remains at its present level. I can't afford to go out and buy an amplifier to go with the dish which I wouldn't have the time to use anyway, so I guess I'll try to find a buyer for the system come spring. I intend to drop out of WTFDA after 6 years because I am not contributing and am losing interest in 3-4 page DX Scoreboard columns, etc. TV GUIDE has changed completely in this region, as of November 22. I wrote to the head office in Toronto complaining about the lack of inclusion of CIVM-17 and other stations including CHOV-5 Pembroke and CKTM-13 Trois Rivières. I got an answer from them saying they had investigated the Mtl-St Lawrence edition and changes would be made. I don't know if my letter is responsible for all the changes, but you wouldn't believe the difference in the TV GUIDE in this region. CICO-24 Ottawa went on the air awhile back (relaying CICA-19) and is included in TVG along with CHOV-5, CKTM-13 & CIVM-17. WRGB-6 was dropped effective with the Nov 22 edition. All the channel indicators are different, too."

Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 (EST)

November 16 Tr 0800 WBBH-20, WSWB-35, WXLT-40, 12 Tr 0445 unID-10 "3/4CB 7-2 1/2; WLCY?" WTOG-44; 0830 WEVU-26 FL
 "Had some cold snaps here and would you believe it went to 45! Oh well, it's in the 70-80's today (12-1)...working 5a.m.-1p.m. cuts out most MS..."

Steve West 432 Kenmore Road Havertown, Pennsylvania 19083 215/449-1472

May (EDT) 21 Es 1100 WBAY-2 Green Bay WI
 27 Es 2200 WCBI-4 Columbus MS 30 Tr 0800 JYBT-12 Richmond VA
 WOI-5 Ames IA WITN-7 Washington NC
 2230 KMOX-4 St Louis MO 31 0700 WSYE-18 Elmira NY
 2300 WBBF-4 Rock Island IL 0730 WBNY-36 Elmira NY
 2330 WMT-2 Cedar Rapids IA 0800 WICZ-40 Binghamton NY
 28 1100 WBRZ-2 Baton Rouge LA WSEK-46 Binghamton NY
 WWL-4 New Orleans LA
 1600 WDIQ-2 Dozier AL

August

June 1 Tr 0700 WITN-7 Washington NC
 7 Es 1600 unID-2 "NEC Baseball" 13 2100 JNLI-19 Johnstown PA
 8 1035 KTVI-2 St Louis MO W62AA-62 New York NY
 12 1200 "skip in very (JNJU-47 translator)
 to weak the

September

1800 whole afternoon" 8 Tr 2100 W41AB-41 Madison County VA
 14 Tr 0700 WHNB-30 New Britain (140) (WVPT-51 translator)
 New York City xltres (100) 21 0900 WCDC-19 Adams MA
 Es 1400 WPBT-2 Miami FL 1500 W3MMW-27 Worcester MA
 Cuba-2 WEDH-24 Hartford CT
 15 1100 WPBT-2 Miami FL WLVI-56 Boston MA
 Cuba-2 30 2130 WBTB-68 Newark NJ
 WWL-4 New Orleans LA

October (EST as of 26th)

16 1100 WPBT-2 Miami FL 1 Tr 0830 WUNY-25 Greenville NC
 Cuba-2 WJPM-33 Florence SC T
 WWL-4 New Orleans LA WEDH-24 Hartford CT
 "almost exactly like 6-15, 6 1000 WHRO-15 Hampton VA
 I've heard of reruns on TV W75AP-75 Oak Grove VA
 before, jeeppers!" (WCVV-57 xltr; 155 miles)

17 0715 WDAF-4 Kansas City MO (W79AX-79 Heathsville VA
 KTEW-2 Tulsa OK (WCVB-23 xltr; 165 miles)
 18 0700 WXY-4 Oklahoma City OK W81AL-81 Heathsville VA
 0730 KTEW-2 Tulsa OK (WCVI-57 xltr; 165 miles)
 WDAF-4 Kansas City MO 27 1930 WEDH-24 Hartford CT
 0800 KHAS-5 Hastings NE WTVU-59 West Haven CT
 19 1100 WTHS-2 Miami FL WLVI-56 Boston MA
 20 1100 WUAB-2 State College MS WEDY-65 New Haven CT
 1130 WNGE-2 Nashville TN 2030 WSEK-38 Boston MA
 KJAC-4 Port Arthur TX WGBY-57 Springfield MA

21 0900 WPBT-2 Miami FL 28 1130 WSLW-27 Worcester MA
 1300 WMT-2 Cedar Rapids IA WTVV-33 Youngstown OH
 2000 KFSM-5 Fort Smith AR W12-25 Cleveland OH
 30 2000 WPBT-2 Miami FL
 WESH-2 Daytona Beach FL
 Cuba-2

November

July 3 Tr 0800 WCVW-57 Richmond VA
 20 Es 1600 "Got call from local 2-meter ham & semi-retired Heathsville VA xltres
 TV-DXer. He said to turn Cobbs Creek VA xltres
 on the TV; I took my time WCVW-57 Richmond VA
 until he said he was talking WSEK-38 Boston MA
 to Cobbs Creek VA xltres
 ed to ch 7 and had CCI, 2100 WBNY-36 New York City
 weak though; WMAL-7 Wash- W62AA-62 New York NY
 ington DC was coming in & (JNJU-47 translator)
 fought it until it was out. W74AV-74 Cobbs Creek VA
 No IDs, but kept my eye on (WCVB-23 translator)
 ch 7 & FM DXed rest of WTAH-27 Portsmouth VA
 opening. Low band TV was WCTI-12 New Bern NC
 1800 just CCI and squeals." 29 2300 WITN-7 Washington NC
 1045 WCDC-19 Adams MA

Jim Alexander Canisius College Box 2 - Bosch Hall Buffalo, NY 14206 (EST)

November			19 Tr 1600	CKGN1-22 Cottam Ont
16 Tr 2335	WRRK-28	Wilkes Barre PA		"CCI on WJET-24 Erie
	WVIA-44	Scranton PA		from WDEH-24 Toledo"
17 0010	WRRK-16	Scranton PA	2200	WSTI-25 Saginaw MI
0015	WSTY-18	Elmira NY	20 0000	CKGN29-29 Oil Springs Ont
	WENY-36	Elmira NY		

"Since putting the antennas on the roof (at about 80' above ground) reception has improved vastly. WUAB-43 frequently in w/a frame bar; Youngstown U's also frequent w/scatterly signals. Saginaw/Bay City U's (255) put at least CCI on semilocals much more often than expected. As for performance when cx are really up, Iowa snowfree on UHF for hours last Nov. 4 was incredible—unlike anything I've ever been in on before. Many thanks to Bill Thompson for all the help and advice on getting set up for DX here."

Paul D. Traska 64 Weaver Avenue Buffalo, New York 14206 (EST)

November			29 Tr 1300	WKBS-48 Philadelphia PA R
15 Tr 0530	CHNB-4	North Bay Ont	R	December
MS 0620	WJXT-4	Jacksonville FL	R	1 Tr 2035
0625	WKTV-2	Utica NY	R	2036
0630	WLWC-4	Columbus OH	R	WDCA-20 Washington DC
16 Tr 0610	WNEM-5	Bay City MI	R	unID-3
0615	"CCI on chs 11 & 13"			"PBS network"
MS 0625	WJXT-4	Jacksonville FL	R	1735
Tr 0630	"CCI on ch 7"			unID-6
0631	WLWC-4	Columbus OH	R	"Spanish S.W."
0645	WOTV-8	Grand Rapids MI	R	unID-3
1657	CKSO-5	Sudbury Ont	R	"NBC, CBS or ABC S.W."
	CKSO3-11	Kearns Ont	R	1751
25 0030	WKBS-48	Philadelphia PA R	13 MS	WEAR-3
	W6JAB-63	Mansfield PA R	0450	Pensacola FL
				Tr 1845
				WPSX-3
				Clearfield PA
				8 1945
				WPSX-3
				Clearfield PA
				9 2030
				WKYC-3
				WNWS-5
				WJW-8
				OH
				0006
				WJAN-17
				Canton OH
				0215
				unID-4
				"S.W. after WREN off"
				13 MS 0450
				to 0644
				many unIDs 2-5

"I left out many MS relogs of WLWC-4, WJXT-4, WSB-2, WCBS-2; seen too many times. The meteor scatter so far seems to be a flop. On 12-13, approximately 0630 it looked as if it was getting better, but this may have been my imagination! 73's

Bill Thompson 1907 Seneca Street Buffalo, New York 14210 (EST)

November			19 Tr 2230	WBSU-57 Lima OH	(300)	
11 Tr 2130	cx up to west;	CKCO3-42	20	0047	WSTI-25 Saginaw MI	(255)
	noted w/super signals, CCI on		23	1830	Detroit U's Fair	
	19 & 25 (from Saginaw area)		24 MS	0344	WTVY-4 Dothan AL	
16 1530	tune in; big opening to		29	0622	KMOX-4 St Louis MO	
	north in progress. Hwy CCI on			0627	WJXT-4 Jacksonville FL	
	locals 2, 4 & 7; unIDs 11 & 12		30 An	0143	unID 2-5, soon gone	
	1600	CKSO-5 Sudbury Ont (240)	December			
	(video thru GHLT-5)		1 Tr	2030	WAPB-22 Annapolis MD	T
	CKWC-9 Sudbury Ont (240)				WDCA-20 Washington	(285)
	(video over CFTO-9)				WWPB-31 Hagerstown	(225)
	CKNY-10 North Bay Ont	T	3 MS	0207	WCTV-4 Charleston SC	
1730	CKCO3-42 Ont, WSTI-25 MI			0610	WLWD-2 Dayton OH	(345)
	both excellent		4	0609	WTVN-6 Columbus OH	(290)
2200	CICO-24 & CJOH-13 Ottawa		6 Rs	1830	unIDs 2 & 3; hvy 8 on 2	
2230	WSTK-33 Burlington (315)			1859	WKRK-5 Mobile AL?	T
2243	hvy 8 on CKGN22; WEPF-22?			1928	skip still on 2, but weak	
2335	Scranton U's above normal		7 MS	0225	KTVI-2 St Louis MO	(675)
17 0030	WPHL-17 Philadelphia (270)		9	0601	WLWD-2 Dayton OH	(345)
19 2230	Detroit U's weak-fair				plus many unID bursts this a.m.	

Have noted many unidentified bursts and pings from the Geminids meteor shower, but from my point of view, it's a bit down from last year. The morning of the shower peak produced lots of bursts, but they were mostly weak. One big headache (besides the locals) here has been the strength of morning scatter-level signals from stations such as KDKA-2, WKYC-3, WTAB-4, and to a lesser extent WJBK-2, CKCO2-2, and CKVR-3. I suppose that a low-mounted lowband yagi would help the situation; it certainly should reduce troposcatter from the above stations. There was plenty of Rs activity on 12-6, and I hope it was a preview of a good January midwinter peak.

CENTRAL TV-DX

William J. Draeb
Ellis St. R.R.#2
Kewaunee, Wi.
54216

Deadline: 12th

A rather dull month for dx again. The best day for tropes seemed to be the 5th of Dec. when an opening into Nebraska and Kansas broke the boredom.

Frank Wheeler: 6589 Wattslurg, Id., Erie, Pa. 16502 EST

Dxing equipment includes: 1968 Zenithcolor 21" V. Antennas: Arca r WU-160 with Servo-Rotator.

11-5 Tr 0000 WCHU-14 Mi. 3345(262)	11-5 Tr 1030 WCHU-23 Ct. 3345(103)
0930 WKBD-50 Mi. " (154)	1200 WCHU-14 Mi. " (267)
1000 WXYI-25 Mi. " (220)	1130 WUCH-19 Mi. " (220)
	1700 WCCO-42 Ct. 4445(105)

Don Roland: 4448 68th Place, Kenosha, Wi. 53140 CST

11-16 Tr 0830 CKCO-3-42 Oil Springs(290)	12-7 Jr WVIZ-25 Cleveland(330)el3.
11-23 Es 0905 WESH-2 Daytona Beach(1020)	1800 WYTT-27 Lexington(360)
12-5 Jr 0650 KEYC-12 Mankayto(330)	1810 WLLT-46 " "
0653 KCNA-8 Albion(520)	WTW-62 " "
0700 KOLN-10 Lincoln(460)	WKOI-52 Oweiton(330)
KGIN-11 Grand Island(550)	WP40-42 Portsmouth(370)
0703 KHHB-29 Hastings(560)	WJLR-38 Morehead(380)
0715 KHGI-13 Kearney(590)	1930 WCET-48 Cincinnati(300)
0745 KHLN-36 Red Oak(400)	WSVN-47 Norton(480)
KHLN-32 Council Bluffs(420)	2000 WQUE-20 Athens(330)
(KHLN-32 2000 to KHLN-32--	WRIX-19 Cincinnati(300)
both having full CB--but	12-8 Tr 0500 WRIX-19 " "
with different tones--KHLN-	WHAS-11 Louisville(330)
32 same tone as KHLN-36)	0530 WJLY-32 " "
12-6 Tr 1630 KDL-30 St.Louis(300)	0535 WLEX-18 Lexington(360)
12-7 Jr 0800 KATC-27 Springfield(470)	0600 WYTT-27 " "
0645 KMA-41 Kansas City(430)	WTV-62 " "
1230 KCB-17 Columbia(340)	0638 WCET-48 Cincinnati(300)
KHL-30 St. Louis(300)	0703 WOSU-3+ Columbus(320)
1300 WUAB-43 Lorain(310)	WPBO-42 Portsmouth(370)

"Unusual year--so far November & December have been better for tropes than September & October."

Marvin Shultz: R.R.#1, Toulon, Il. 61481 CST

11-14 Ms 0435 KYW-3 Philadelphia, Pa.	11-19 Ms WCVB-5 Boston, Ma. T @ 0145
0457 WTAR-3 Norfolk, Va.	11-21 Es XEFT-2 Nuevo Laredo @ 1930
Tr 2130 WKAR-23 Lansing, Mi.	XEFT-3 Monterrey, Pink Panther
WKBD-50 Detroit, Mi.	cartoons @ 1930
WTVS-56 " "	Es 2000 Ls drop out.
WGTU-29 Traverse City	12-5 Tr 0813 WALO-12 Rindclender
WMB-40 Indianapolis	0829 WEAU-13 Eau Claire
11-15 Ms 0458 WJCS-2 New York, N.Y.	12-7 Tr 2000 WKBD-50 Detroit
0500 WTV-6 Richmond, Va.	WTVS-56 " "
0532 WTEV-6 New Bedford, Ma.	WGP-62 " "
(R.I.) 1st time on Ms.	2130 KBMA-41 Kansas City4554
11-16 Tr 0545 KSD-5 St. Louis, Mo.	2200 KCPT-19 " "
0615 KMOX-4 " "	Phone no. on screen;
all nite movie ends;	816-254-3800
then i.d. slide.	2205 WTV-62 Lexington, Ky.
11-17 Ms 0442 WTAR-3 Norfolk, Va.	2230 W68AA(WAHD-17) Danville
0443 KYW-3 Philadelphia	
0526 Unid-2 with a rooster.	

"Leonids meteor shower was less productive this year than last year. On Nov. 15, I received my first clear burst of WTEV-6 with alternating black or dark and white streaks with WFLV in upper left and "6" in upper right. This is one station that several years ago I thought I would never receive. This year I have received WFLV by Ms and now Ms. Patience and a little technology have finally paid off.(That's what it takes--wd) I've been busy erecting new tower and may have missed openings as I have been operating with hand-rotatable antennas."

CENTRAL TV-DX

Jan. 1976

Paul Gaines; 15920 Puritan St., Detroit, Mi. 48227 EST

11-13 Ms 0238	Unided ch.4;	11-28 Tr 2201	WFLD-32	Il.	1522(225)
11-15 Tr 0001	WLWI-13 In.	2205	WSIS-44	Il.	1022(")
0015	WFLD-32 Il.	2216	WFLI-18 In.	"	(220)
0020	WSNS-44 Il.	11-29 Tr 0755	WTAP-15	Oh.	2542(235)
0040	WICD-15 Il.	0815	WOUE-20	Oh.	1522(225)
0104	WLFI-18 In.	0825	WPGH-53	Pa.	1022(210)
0132	WLKY-32 Ky.	0915	WOUC-44	Oh.	1522(180)
0147	WXIX-19 Oh.		WLWC-4,	CKCO-13,	WNSN-10
0220	WRTV-6 In.		WANE-15,	WKJG-33,	Youngs-
0329	WHIO-7 Oh.		town U's,	WNED-45,	WAKR
0724	WKEF-22 Oh.		-23,WHIZ-18,	S.Bend(16,28)	
0441	WLWD-2 Oh.		Erie(24,35,	12),CFPL-10	
0332	CHCH-11 Ont.		Paris-6,WJAN-17,	WOSU-34.	
0347	WITI-6 Wi.	12-5 Ms 0216	Unided-4;	WSW.	
0724	Ft. Wayne U's,	12-6 Tr 0926	CFTO-9 Ont.	1532(205)	
	S. Bend	12-7 Tr 0350	WLWD-2 Oh.	1022(190)	
	U's(16,22,28),		0905	WICD-15	Il.
	WTV-9,		0948	WILL-12	Il.
	WTAE-4,		0954	WFLD-32	Il.
	WLWC-4		12-8 Tr 0231	WITI-6	Wi.
11-18 Tr 0827	W39AA In.			1022(250)	
0815	WLFI-18 In.			(220)	
11-19 Tr 0744	WPBO-42 Oh.			(255)	
0834	W4GAB N.Y.			(180)	

Log total: 228

(Paul also sends along several newspaper articles. One deals with ch.31 in Ann Arbor which will be coming on the air in about 2 years. They will run 2000kw and serve about 80% of the people in Michigan--wd)

William J. Draeb; Ellis St. Rt.#2, Kewaunee, Wi. 54216 (414)-388-2350 CST

11-21 Tr 2102	WMUL-33	Huntington(498)	12-5 Tr 0805	KBMA-41	Kansas City(525)
		Cleveland U's(355)	0823	KCAU-9	Sioux City(463)
	2105	WOSU-34		KETV-7	Omaha(481)
11-23 Tr 1911	WKYT-27	Lexington(473)	0830	WOWT-6	" "
11-26 Tr 1800	"	" "	12-6 Tr 1900	KMTC-27	Springfield(589)
	WOSU-34	Columbus(395)		KDNL-32	St. Louis(432)
11-27 Tr 2145	KMTC-27	Springfield(589)	2021	KBMA-41	Kansas City(525)
12-3 Tr 1700	WKYT-27	Lexington(473)		KCBJ-17	Columbia(450)
	1721	KDNL-30		2048	KVFD-21
12-4 Tr 1754	KSIN-27	Sioux City(463)		KTSE-27	Topeka(560)
	1815	KDNL-30		2129	KHIN-36
	1947	KHIN-36		12-7 Tr 0754	KMTC-27
	WKYT-27	Lexington(473)			Springfield(589)
	2145	KBIN-32			Louisville(437)
12-5 Tr 0555	KDNL-10	Lincoln(530)		1144	WDRB-41
		(snow free)		0754	KDNL-30
	KGIN-11	Grand Island(600)		1136	KBMA-41
0600	WHO-13	Des Moines(371)		1150	WKYT-27
	IHTP-11	West(unided)		1224	WUAB-43
0605	WGEM-10	Quincy(373)		1618	WPBO-42
0607	KCCI-8	Des Moines(371)			Portsmouth(461)
0616	KUON-12	Lincoln(530)			Huntington(498)
		(blank raster until			Columbus(395)
		0642; then tp)		1627	KCBJ-17
0617	WIBW-13	Topeka(560)		1712	WTIU-30
0636	KTSE-27	" "		1800	WKLE-46
0645	KHGI-13	Kearney(640)		2100	WKSO-29
		(large black call letters			Somerset(538)
		on white background)			Louisville(437)
0654	ACNA-8	Albion(560)			" "
0724	KHNE-29	Hastings(617)			WKZT-23
	KXNE-19	Norfolk(525)			Elizabethtown
	KMEG-14	Sioux City(463)			(473)
0739	WDIO-10	Duluth(286)	12-9 Tr 1822	KMTC-27	Springfield(589)
0751	KHIN-36	Red Oak(457)	12-10 Tr 1940	WKYT-27	Lexington(473)
	KBIN-32	Council Bluffs(476)	12-12 Tr 2116	" "	" "
	KSIN-27	Sioux City(463)			WOSU-34
	KVFD-21	Ft. Dodge(365)			Columbus(395)
0756	KYNE-26	Omaha Tent.			
	KCBJ-17	Columbia(450)			

dle of it. Saw three bursts of this one. Another was of a small KETMA tp with call and other info in the corners of the tp. no id's.

Jim Gould; R.R.#3, Kokomo, In. 46901 EST (317)-452-9585

11-5 Tr 3520 CFTO-9 Ont. 3532(405) 11-9 Tr 0900 Springfield, Mo. stations
 0521 CCHH-11 On. 4535(380) 0920 Unided ch.24; SW, child-
 3/4 cb ch.12 HNE 4535 rens program till 0930
 0608 WBIR-10 Tn. 2522(346) then religious program.
 0718 WTCN-11 Mn. 2423(480) 11-12 Tr 2200 KROC-10 Mn. 0311(396)
 0735 KEYC-12 Mn. 4533(463) T 11-13 Tr 2220 " " 1413 "
 2215 CKCO-42 Ont. 1414(240) 11-28 Tr 2137 WWVU-24 W.Va. 3533(3321)
 11-7 Tr 2330 WBIR-10 Tn. 3514(346) 11-29 Tr 0920 WBRE-28 Pa. Under WSJV T
 11-8 Tr 2000 KDIN-11 Ia. 3422(390) 12-1 Es 2010 Unideds ch.4; SSE
 2001 KGIN-11 Ne. 0321(630) T 2030 Es gone.
 11-9 Tr 0015 KOLR-10 Mo. 4020(445) 12-6,7&8 Excellent openings; details next
 0030 KMTC-27 " 2421 " Log totals: 530 mo.

Buck Battin; 2328 1/2 Highland, Shreveport, La. 71104

"I've been a WIFDA member for a year now, ... here-to-fore I've been submitting reports to Dennis Park Smith. Now I'm in your territory...having just moved from Albuquerque, New Mexico to Shreveport, Louisiana.

I don't have a reception report this time around, but I thought I'd let people know where I am.

I'm presently living in an apartment with no outdoor antennas...I have a wire diamond shaped affair pinned to the ceiling. Even with this meager equipment, I have received some tropo in this area. The most distant is Houston at 211 miles...I'd give my right arm to have my antennas so I could see what I can really get here! Tropo, by the way, is a new experience for me...in New Mexico its Es, Ms or nothing. As far as I can tell, tropo simply does not occur there. Here, however, its almost a daily occurrence. My indoor antenna often provides a color picture on stations up to 160 miles away.

By profession, I'm a television newsman. In Albuquerque I was the assignment editor at KOAT-TV, here I'm the assistant news director at KTBS-TV.

I'm buying a house here and sometime after the first of the year I should again be submitting reception reports... as soon as I get into the house and get assorted rotors and yagis installed.

Until then, good DX to all.... Buck" (will be looking forward to your reports Buck; you should see a lot of dx in your new location--wd)

the CJOH Radio and Television System



We hope this mileage chart will help you enjoy your visit to Newfoundland, and remind you that wherever you go throughout our province you'll be totally informed and entertained if you keep your radio dial tuned to a station of the CJOH Radio Service and your television set tuned to a station of the CJOH Television System.

WESTERN FM DX

Steven C. Wiseblood
707 Loma Way
Santa Maria CA 93454
Deadline: 10th

Jim Pizzi, 300 Park, Orcutt CA 93454 (Sep. 21-Nov 7) (PST)

9-21	Tr	0305	KWIN	97.7	CA	Lodi	\$EL/C&W, news
10-1	Tr	0058	KPAT	94.5	CA	Gilroy	ID, \$RR
10-5	Tr	0133	KNAC	105.5	CA	Long Beach	\$RR
		0140	KSPM	102.5	CA	Woodland	\$RR, PSA-ID
10-8	Tr	1710	KOVA	105.5	CA	Ojai	Bank ad for Ventura
10-9	Tr	1730	KOTE	106.3	CA	Lancaster	\$EL, ID
		1935	KUDE	102.1	CA	Oceanside	\$EL, ID#1945 & 2317
		2118	KAGB	103.9	CA	Inglewood	Soul
		2125	KNAC	105.5	CA	Long Beach	RR
		2128	KAFX	107.9	CA	San Clemente	\$EL
		2128	KUTE	101.9	CA	Glendale	Soul
		2131	KOLA	99.9	CA	San Bernardino	"The On Sound", \$RR
11/7	Tr	2329	KZEN	107.1	CA	Seaside	Soul, ID, NFL Football promo.



Equipment Used: 10-41 LCC @ 40feet mounted vertically w/Amecc Tuneable Booster.
JVC VT-900 Digital FM Tuner. Log Totals now at 295.

Fred McCormack, Des Lacs ND 58733 (November) (CST)

11-2	Au	2300	unID	101.9	CBC-FM		
7	Tr	0828	KEYA	88.5	ND	Belcourt	
18	MS	1000	KTYL	100.3	TX	Dallas	ID 95 1090
	Tr	1051	CJUM	101.5	MB	Winnipeg	U. of MB. 230

The call for 97.7 Regina is CBKF-FM. KEYA and CJUM are new on the air,



Pat Dyer, 5315 Silvertip Drive, San Antonio TX 78228 (CST) (8 Oct-7 Dec)

10/21	Tr	0950	KLBK	94.5	TX	Lubbock, MoR	340	
11/7	Tr	0931	KGAP	94.5	TX	Gainsville, ad	300	
		1200	ETRM	95.1	TX	Beaumont, ID	275	
21	Es	1835	WSCI	189.3	SC	Charleston	1120	1509 XHSH 95.3 DF Mexico City 690
			WEPR	190.1	SC	Greenville	1010	1810 TGRT- 88.8 Guatemala City 1120
			WFXI	195.1	SC	Charleston, RR	1120	6 Es 1647 TGRT- 88.8 Guatemala City 1120
42-3	Es	2030	WHEW	88.9	TN	Chattanooga, ID	865	1702 TG++ 94.9 Guatemala City 1120
			WHEW	89.7	TN	Chattanooga, rel.		TG++ 98.6 Guatemala City, 1120
			unID	89.5	??	(basketball)		ID as "Radio Mundial"
			unID	93.7	??	(basketball)		1800 tent. XFM 88.9, XEDA 90.5
			WPCW	94.9	GA	Atlanta, EL	880	XHCM 88.5 Mor Cuernavaca 735
			WABE	90.1	GA	Atlanta, C1	880	1804 XHSH 95.3 DF Mexico City, 690
			WRAS	98.5	GA	Atlanta, RR, ID	880	ID as "Radio Amistad"

There was so little DX in Oct-Nov period that I didn't even submit a report. The Es of Nov. 21 was the first for the FM band since Aug. 16. It is a bit of a fast paced December so far with FM Es in 3 of the last 4 days. The Dec. 3 basketball games were either High School or College, so there would be no easy way to track down the few player names heard. Leonid meteor shower was not particularly good here for FM (or TV). 73, Pat WA5IYX

Steven C. Wiseblood, 707 Loma Way, Santa Maria CA 93454 (16 Nov-14 Dec) (PST)

12-4	Tr	1231	KFMB	100.7	CA	San Diego, "B-100", o/u KHAY-Ventura	230
		1840	KNAI	99.7	CA	San Francisco, "Your News and Information Station"	228
		1841	KIOI	101.3	CA	San Francisco, Rock	228
		1849	KHKG	105.3	CA	San Francisco, Portuguese program	228
		1853	KPRC	106.1	CA	San Francisco, "K-106", Golden Oldies	228
		1900	KWYT	100.7	CA	Salinas, "A Quick look at the news from your Quiet Island"	
		1905	KLRB	101.7	CA	Carmel, very strong w/Rock music.	132

There were 4 reporters this month including ye Editor so I guess it wasn't such a bad period for DX, although Es has been rather low since mid-August. Only Pat Dyer has noted any Es on the FM bands. I have not seen any above channel 2, yet. As far as the Geminid Meteor shower went, results were good on TV with a new Ch.7 station for me, my first ever Ch. 7 by ME. FM was good also, although bursts were seldom long enough for a full ID from stations. Longest bursts were under 10 seconds on FM, up to a minute on TV caused by overlapping bursts.

73's

Steve



VHF UTILITY DX

Pat Dyer
5415 Silvertip Drive
San Antonio, TX 78228
Deadline: 10th of month

JANUARY 1976

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015 QSLed. GMT

<u>5-4:</u>	0210, KWX 598	155.22	Annapolis, MD (Annap. Gen. Hospital)
<u>6-20:</u>	1625, KKA 720	39.30	Bossier City, LA (Dpt Pub Saf, Trp G: 500 w)
<u>7-10:</u>	0246, KIC 432	37.26	Columbia, TN (law; 150 watts)
<u>2-13:</u>	2032, N459BB	134.0	20 mi s Salisbury, MD (Edward C. Brostek; Cherokee Arrow, 1-engine, 4-seat; 8 watts)
<u>14:</u>	1747, N15704	119.7	20 mi se Bal (Rbt A. Strohmaier, Pip Arrow)
<u>20:</u>	1718, N6150N	119.7	ov Bal-DC Arpt (Amos B. Jones; Beech B23, 1-engine, 4-seat; 1800 feet)
	2212, N10765	119.7	(Hinson Airways, Inc; Cessna 150; 1500 ft)
<u>21:</u>	1506, N5099D	122.8	Bay Bridge Airport, MD (Jeannine A. Phipps; Cessna 182; 1-engine, 4-seat)

Ron Wing, 520 East Central - Apt 111, Wichita, KS 67202 Regency
ACT-R 10H/L/U; Realistic PRO-7B; indoor antennas; with some trop

2-7: 0630-0730, WDAF (Kansas City) traffic reporter keying into KFH's
450.95 repeater, apparently using a different private-line tone
though as no one at KFH noticed it.
The Wichita Eagle Beacon reported receiving KSW 913, 173.375,
Lincoln, NE, the Nebraska Journal Star.

Ken S. Simon, 528 Pilgrim Road, West Palm Beach, FL 33405 Lafayette
KA-520 with indoor whip until 11-29, then VHF TV antenna

<u>11-14:</u>	1415, KRZ 469	152.0075	
	1422, KEC 50	162.40	West Palm Beach, FL (NOAA, weather)
	1425, KGB 803	152.4	" (Southern Bell)
	2309, KWO 531	155.370	Lake Clarke Shores (Police)
	2312, KIS 458	155.370	Belle Glade (sheriff; QSL)
	2315, -	155.370	Palm Beach (sheriff)
<u>21:</u>	1712, KqY 301	34.54	
<u>22:</u>	0925, -	162	Palm Beach
<u>29:</u>	1506, KIB 482	45.060	West Palm Beach (FL Hiway Patrol)
	1508, KIJ 220	155.565	" (sheriff)
<u>30:</u>	0001, KTX 803	155.280	" (Civil Defense)
	1558, KIC 274	159.4	" (police)
	1603, KIA 608	155.437	Lake Worth (police)
	1604, ? 743	155.437	(KJW 743 ? Universal Ambulance)

Solar flux/A-Index for November 1975

1: 72/6; 2: 73/25; 3: 74/40; 4: 77/32; 5: 80/15; 6: 82/12; 7: 82/8
8: 83/5; 9: 80/18; 10: 80/10; 11: 80/12; 12: 81/9; 13: 81/4; 14: 85/2;
15: 86/2; 16: 90/6; 17: 91/11; 18: 96/6; 19: 96/8; 20: 93/8; 21: 89/16;
22: 84/36; 23: 79/7; 24: 77/7; 25: 76/15; 26: 74/12; 27: 73/3;
28: 72/8; 29: 73/28; 30: 73/21

Av.: 81.1

As will be evident from the loggings of Nov 17 on the next page, my
rather downbeat comments at the end of the December column were a bit
premature. They were written just a matter of hours before that opening
was upon us. The US F2 MUF was at or over 35 MHz here for some-
thing like 2 hours. Overall, the best display since the Oct 1974 per-
iod (when the solar fluxes reached into the 140 range).

Now, my own loggings. Allied A 2586, Hallicrafters SX-62; Hammarlund SP-600JX-10 (with ICM BAX-1 tuned preamp); 30' long-wires at 12', run ne-sw and nw-se; peak F2 MUF's noted daily; bs backscatter, GMT used, new underlined; all F2 unless noted otherwise

<u>11-11:</u> 1737, KSB 233 (Es)	17: 1642, KCF 313	<u>24:</u> 1735, BBC
2040, 35.28	1851, KEG 776	2105, 35.28
<u>13:</u> 0403, KFL 943 (Es)	1856, <u>KCJ 825</u>	<u>25:</u> 1825, 32.96
0540, KNE 438 (Es)	KGD 942	<u>27:</u> 0340, KMA 829 Es
<u>14:</u> 1610, 32.07	KGC 524	<u>29:</u> 1515, 32.000
<u>15:</u> 1625, 35.22	1902, KGD 951	<u>30:</u> 1535, 35.58 (bs)
<u>16:</u> 1600, 32.96	1912, KCE 518	1537, 32.000
1850, KSA 838 (Es)	1916, KCA 695	<u>12-1:</u> 0354, KMA 829 Es
1921, <u>KSA 837</u> (Es)	1925, <u>KCB 979</u>	0404, I Ang Es
<u>17:</u> 1734, low-37 Can ?	1936, <u>KCC 921</u>	0455, KCE 257 Es
1750, 35-NY	KCD 344	<u>2:</u> 0100, KQD 609 Es
hi-35 US	KCC 748	1900, 35.62 (bs)
1757, KRG 767	<u>18:</u> 1855, 35.28	2005, 32.96
KEE 720	<u>19:</u> 0334, KQC 884 Es	<u>3:</u> 2019, KAG 793 Es
KGE 831	1725, 32.000	2029, <u>KAE 869</u> Es
<u>KGC 676</u>	<u>20:</u> 0340, KQD 313 Es	<u>KAF 474</u> Es
1803, <u>KCE 816</u>	<u>21:</u> 2343, <u>KAA 203</u> Es	<u>KSB 229</u> Es
1815, KCF 596	<u>22:</u> 1920, 33.04 US	2035, <u>KKH 300</u> Es
1817, KCD 845	1940, 42.30	<u>4:</u> 0145, KIE 953 Es
KCE 457	2007, OK City (bs)	<u>5:</u> 0302, KAA 893 Es
1839, 37.33	2040, KKI 445	<u>8:</u> 1757, 30.42

tentative loggings of the 17th also included -

KCC 482	35.22	Concord, NH	-	35.50	New York, NY-mp
KCB 897	35.66	Portland, ME			

KAA 203	42.06	Kirkwood, MO-sp	KGC 676	33.8-	Hagerstown, MD-f
KAA 893	35.22	St. Louis, MO	KGD 942	33.78	Seaford, DE-f
KAE 869	37.10	Ida Grove, IA-cp	KGD 951	33.78	Wilmington, DE-f
KAF 474	37.10	Grinnell, IA-cp	KGE 831	33.78	Wilmington, DE-cf
KAG 793	42.58	Belmond, IA-p	KIE 953	35.58	Atlanta, GA
KCA 695	33.78	Manchester, NH-f	KKH 300	37.10	Bentonville, AR-cp
KCB 979	33.90	Norwich, CT-f	KKI 445	35.58	Houston, TX
KCC 748	33.94	Windsor, CT-f	KMA 829	35.58	San Diego, CA
KCC 921	33.90	Old Lyme, CT-f	KME 438	35.22	Orange, CA
KCD 344	33.94	Bloomfield, CT-vf	KOE 257	35.22	Phoenix, AZ
KCD 845	33.70	Brewster, MA-f	KQC 884	35.58	Detroit, MI
KCE 457	33.--	Newton, CT-f	KQD 313	35.50	Dayton, OH
KCE 518	33.86	Shelton, CT-f	KQD 609	35.22	Lansing, MI
KCE 816	33.94	Southington, CT-f	KRG 767	33.90	Easton, MD-f
KCF 313	33.66	Andover, MA-f	KSA 837	42.42	Connersville, IN-sp
KCF 596	33.86	Brookfield, CT-cf	KSA 838	42.42	Putnamville, IN-sp
KCJ 825	33.94	Bedminster, NJ-f	KSB 229	42.--	Rock Island, IL-sp
KEE 720	33.78	Millburn, NJ-f	KSB 233	42.62	Elgin, IL-sp
KEG 776	33.82	Edison, NJ-f	-	35.38	Los Angeles, CA-mp
KFL 943	35.58	Las Vegas, NV **	-	35.58	OK City, OK *
KGC 524	33.78	Dover, DE-sf	BBC	30.21	Ascension Isl.-ha

c-county; f-fire; ha-h.f. harmonic; mp-mobile phone; s-state; v-volunteer; rest 35 MHz are tone pagers with A2 ID, except * voice and ** tone message with voice ID

Several of the fire departments above hadn't been logged since the fall of 1972 (fluxes then were as high as the 170's).

It is suspected that KCC 482 may have changed over to a tone format; info from members on this (and other paging stations who have changed format, or moved to hi-band) is requested.

73, Pat

WA5IYX

The series on public service QSL's has spurred quite a bit of interest, with several readers wondering what one of my reception reports looks like. Well, here's the answer!

PUBLIC SERVICE QSL's (Part IV)

The following is a copy of an actual reception report which illustrates the techniques I've previously discussed:

8120 Ripplewood Drive
Austin, TX 78758
February 15, 1975

Supervisor
Police Communications Facility
Texas Department of Public Safety
Pierce, TX

Dear Sir:

I am pleased to report reception of KU2831, 155.37 MHz, at 11:42 p.m. (2342 hours CST) on 13 February 1975.

Traffic monitored was as follows (male dispatcher):

11:42 p.m. -- Called Edna unit 201 or 203:
no contact
11:43 -- Called Edna unit 203:
no contact
11:44 -- In contact with Webster PD.

Signal quality was as follows: 1) Signal Strength-excellent;
2) Interference - slight; 3) Noise - none; 4) Fading - none; and
5) Overall Quality - excellent.

If this report is correct, I would appreciate your completing the enclosed, stamped "Verification of Reception" card, and returning it to me.

Neither this report nor any forthcoming verification violates Section 605 of the 1934 Communications Act concerning communications secrecy. In addition, the verification will not be used for legal or commercial purposes.

My monitor equipment consists of a Realistic "PRO-2" dual-band VHF receiver (26 transistors), and an Antenna Specialists "MON-8" dual-band VHF ground-plane antenna atop a 40-foot mast.

I look forward to hearing from you at your earliest convenience, and thank you, in advance, for your trouble.

Sincerely,

Richard T. Colgan

Enc

Each letter is individually typed since, unlike some DXers, I don't use a prepared form. It's not that I'm against form letters, I just prefer a more personal touch.

POLICE CALL '76

The 1976 editions of POLICE CALL are now available according to the editor and publisher, Gene Hughes. As in previous years, the books will contain frequencies, call signs and locations of all licensed public safety stations in various regions. Bonus features in the 1976 editions are greater details of many major systems and an FCC frequency allocation chart.

Although the books may be available from a local bookstore or electronics dealer, you can order them now from POLICE CALL, Lebanon, NJ 08833. To save you time in ordering, here's a rundown on coverage and prices:

- Volume 1 -- CT, MA, ME, NH, NY, RI, VT
- 2 -- DE, MD, NJ, PA
- 3 -- OH, MI
- 4 -- IL, IN, KY, WI
- 5 -- IA, KS, MN, MO, NE, ND, SD
- 6 -- DC, FL, GA, NC, SC, VA, WV
- 7 -- AZ, CO, ID, MT, NM, NV, UT, WY
- 8 -- AL, AT, LA, MS, OK, TN, TX
- 9 -- CA, OR, WA

The price is \$4.95 for each volume plus postage (\$1.00 per volume for first class or \$0.30 per volume for fourth class). There is also a special offer--all nine volumes by first class mail for \$39.00!!!

Incidentally, Gene also compiles and publishes a Southern California Detail Edition of POLICE CALL, priced the same as the other volumes. If you're interested, drop Gene a line at P.O. Box 35102, Los Angeles, CA 90035.

MORE POLICE CALL

After you've purchased the necessary volume(s) of POLICE CALL, the following guidelines may be used to help you understand your local public safety agency communications system (provided, of course, that they're not already detailed in one of the volumes):

- The department is small, but has two frequencies. See Part II of the volume. If a number of other agencies share one of the channels, you may assume it is a mutual aid frequency.
- The listing does not show a base station, just mobiles. Your department may be receiving dispatch service from the county, state, or a nearby community. Check the frequency in Part II for nearby agencies.
- The listing shows a Local Government channel only. Your police and fire departments may be sharing one frequency.
- One frequency is shown for the base station and another for the mobiles. If the base is a mobile relay or base repeater, you will hear both sides on the frequency. Otherwise, you will need two receivers or a scanning receiver to hear two-way conversations (you will also need a good antenna to receive the mobile units).
- The listing shows many frequencies. Look for the frequency with the largest number of mobiles. If there are base stations on the same frequency, there's no further problem. If you find both VHF and UHF frequencies with a large number of mobiles, place your bets on UHF. When the listings show several mobile channels and different base station frequencies, you are going to have to figure out the "pairing." UHF is easy, because the two are always 5 MHz apart (above 470 MHz, the separation is 3 MHz). On VHF high-band, repeater systems spread the mobiles and base stations by about 3 to 4 MHz. Non-repeater systems will require a trial and error process, and don't forget to check Part II for mutual aid possibilities.

After you've found your local stations, check the listings under the name of your state and county, as many mutual aid systems are licensed on a statewide or areawide basis.

(My thanks to Gene Hughes and the editors of "CB Magazine" for permission to reprint portions of the above--tc.)

So long until March.

73, Perry



TV

C.C.I.

[UNIDENTIFIED-DX]

Frank Aden, Jr.
1535 NW Ithaca Ave.
Bend OR 97701

JANUARY 1976

DX has been awful quiet lately. A little Eskip in November and some MS has been about all for Bend. The same can also be said for TV-CCI as almost nothing has come in. One Id was sent in and a little more information on TV Guide Regional Offices.

Bill Frahm Ided Richard Allen's ch. 4 Aug. 14, station owned by Washington Evening Star as WCIV. WCIV is listed in TV Factbook as being owned by the Washington Evening Star.

The TV Guide Regional Office in Portland Oregon has agreed to send off-sale TV Guides for an self-addressed stamped envelope. They handle the Portland Edition and the Oregon State Edition. I suggest writing for the Oregon State Edition only as it contains the same station listings as the Portland Edition except for KOAP-ID. They suggest about 20¢ per book for postage. Their address is 707 SW Washington St., Portland OR 97205.

As listed in the November TV-CCI column which was in December I recently received a copy of the Utah-Idaho TV Guide Edition. This edition was reported to be split into the Idaho Edition and the Salt Lake Edition. Since this has not happened I suggest writing just for the Utah-Idaho Edition until I receive further information on them.

I would like to thank Ken Simon, Bill Thompson and Bill Draeb for supplying information for the list of TV Stations I use for TV-CCI. Below is a list of stations I still lack information on. Stations with complete information are ones I am not sure are on the air. Any information that can be supplied would be welcome.

Call	channel	state	offset	network
WJWJ	16	SO	?	?
KOZK	21	MO	?	P
WEVO	26	FL	?	I
WATU	26	GA	?	I
WMFG	26	ME	?	P
WLPB	27	LA	?	P
KMXN	27	NM	?	?
WAPB	27	MD	?	P
KHIN	32	IA	?	P
WSWB	35	FL	?	?
KHIN	36	IA	?	P
KICU	43	CA	0	I
WVIA	44	PA	?	P
KVAS	48	CA	-	?
WEAO	49	CH	?	?
WCSP	50	DC	-	I
KAIL	53	CA	0	I
WEDY	55	CT	?	P
KDTV	60	CA	?	S

PROMOS FROM THE UTAH-IDAHO TV GUIDE

**NEWS
BEAT**

Noon Report.

KTVB

Channel
5
KSL-TV

KIFI-TV8
SEE THIS PROMOS

2
KSTV
KSTV-TV

**KWTLB
CH 10**

4 Action News
6 and 10

KTVI ex KCPX

KUTV Channel

**WORLAND
RIVINGTON
LANDER
THUNDERBOLT**

11KMVT
TWIN FALLS

KTVI/Thompson-Draeb-Aden

6
KTVI

WORLDWIDE TV-FM DX ASSOCIATION



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